

Resource Summary Report

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MRC Protein Phosphorylation and Ubiquitylation Unit MRC PPU Reagents and Services Core Facility

RRID:SCR_023283

Type: Tool

Proper Citation

MRC Protein Phosphorylation and Ubiquitylation Unit MRC PPU Reagents and Services Core Facility (RRID:SCR_023283)

Resource Information

URL: <https://mrccpureagents.dundee.ac.uk/>

Proper Citation: MRC Protein Phosphorylation and Ubiquitylation Unit MRC PPU Reagents and Services Core Facility (RRID:SCR_023283)

Description: Focused on cell signalling pathways, provides access to reagents and services involving kinase and ubiquitin targets and associated substrates and interacting proteins. Provides expertise and assistance in projects development. Offers services for protein generation and antibody development.

Synonyms: MRC PPU Reagents and Services, MRC Protein Phosphorylation and Ubiquitylation Unit MRC PPU Reagents and Services

Resource Type: service resource, core facility, access service resource

Keywords: USEdit, ABRF, cell signalling pathways, reagents and services, kinase, ubiquitin targets, protein generation, antibody development,

Availability: Open

Resource Name: MRC Protein Phosphorylation and Ubiquitylation Unit MRC PPU Reagents and Services Core Facility

Resource ID: SCR_023283

Alternate IDs: ABRF_1687

Alternate URLs: <https://coremarketplace.org/?FacilityID=1687&citation=1>

Record Creation Time: 20230216T050210+0000

Record Last Update: 20260807T043007+0000

Ratings and Alerts

No rating or validation information has been found for MRC Protein Phosphorylation and Ubiquitylation Unit MRC PPU Reagents and Services Core Facility.

No alerts have been found for MRC Protein Phosphorylation and Ubiquitylation Unit MRC PPU Reagents and Services Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 41 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#).

Elias AE, et al. (2026) A skin isolate of *Micrococcus luteus* negates the *Staphylococcus aureus*-induced release of type 2 cytokines from keratinocytes. *Frontiers in immunology*, 17, 1711723.

Glennie L, et al. (2026) The Contribution of Native Protein Complexes to Targeted Protein Degradation. *ACS chemical biology*, 21(5), 1095.

Zhu H, et al. (2026) Elucidating the molecular interplay between LRRK2 and Rab GTPases. *bioRxiv : the preprint server for biology*.

Madsen RR, et al. (2025) Oncogenic PIK3CA corrupts growth factor signaling specificity. *Molecular systems biology*, 21(2), 126.

Singh PK, et al. (2025) Kinome screening identifies integrated stress response kinase EIF2AK1/HRI as a negative regulator of PINK1 mitophagy signaling. *Science advances*, 11(19), eadn2528.

Glennie L, et al. (2025) The contribution of native protein complexes to targeted protein degradation. *bioRxiv : the preprint server for biology*.

Snelling T, et al. (2025) TRAF2 binds to TIFA via a novel motif and contributes to its autophagic degradation. *FEBS letters*, 599(18), 2674.

Yang Z, et al. (2025) Phosphorylation enables progressive microtubule-associated protein proteolysis and functionalisation during neural development. *bioRxiv : the preprint server for biology*.

Chen Z, et al. (2025) Structural mimicry of UM171 and neomorphic cancer mutants co-opts E3 ligase KBTBD4 for HDAC1/2 recruitment. *Nature communications*, 16(1), 3144.

Lim SY, et al. (2025) Clinical and functional evidence for the pathogenicity of the LRRK2 p.Arg1067Gln variant. *NPJ Parkinson's disease*, 11(1), 34.

Amnekar RV, et al. (2025) NRBP1 pseudokinase binds to and activates the WNK pathway in response to osmotic stress. *Science advances*, 11(29), eadv4636.

Waschbüsch D, et al. (2025) Structural basis for binding of RILPL1 to TMEM55B reveals a lysosomal platform for adaptor assembly through a conserved TBM motif. *bioRxiv : the preprint server for biology*.

Brewer A, et al. (2024) Targeted dephosphorylation of SMAD3 as an approach to impede TGF- β signaling. *iScience*, 27(8), 110423.

Saarela D, et al. (2024) Tagless LysolIP for immunoaffinity enrichment of native lysosomes from clinical samples. *The Journal of clinical investigation*.

Lange SM, et al. (2024) VCP/p97-associated proteins are binders and debranching enzymes of K48-K63-branched ubiquitin chains. *Nature structural & molecular biology*, 31(12), 1872.

Makhlouf L, et al. (2024) The UFM1 E3 ligase recognizes and releases 60S ribosomes from ER translocons. *Nature*, 627(8003), 437.

Polo Rivera C, et al. (2024) CMG helicase disassembly is essential and driven by two pathways in budding yeast. *The EMBO journal*, 43(18), 3818.

Sanchez-Lopez I, et al. (2024) STIM1 translocation to the nucleus protects cells from DNA damage. *Nucleic acids research*, 52(5), 2389.

Koch I, et al. (2024) USP27X variants underlying X-linked intellectual disability disrupt protein function via distinct mechanisms. *Life science alliance*, 7(3).

Brewer A, et al. (2024) Mapping the substrate landscape of protein phosphatase 2A catalytic subunit PPP2CA. *iScience*, 27(3), 109302.