

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

HEK-Blue hTLR4

RRID:CVCL_IM82

Type: Cell Line

Proper Citation

NCBI_Iran Cat# C631, RRID:CVCL_IM82

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_IM82

Proper Citation: NCBI_Iran Cat# C631, RRID:CVCL_IM82

Description: Cell line HEK-Blue hTLR4 is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Female

Comments: Characteristics: SEAP (secreted ALPP) reporter cell line, in this cell line SEAP is under the control of an IL-12 p40 minimal promoter fused to 5 NF-kappaB and AP-1-binding sites (InvivoGen=hkb-htlr4).

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: HEK-Blue hTLR4

Synonyms: HEK-BLUE-hTLR4, HEK293-Blue-hTLR4 CD14-MD2

Cross References: InvivoGen:hkb-htlr4, NCBI_Iran:C631, Wikidata:Q54882302

ID: CVCL_IM82

Vendor: NCBI_Iran

Catalog Number: C631

Hierarchy: cvcl_a7ym

Record Creation Time: 20250130T071613+0000

Record Last Update: 20260905T184022+0000

Ratings and Alerts

No rating or validation information has been found for HEK-Blue hTLR4.

No alerts have been found for HEK-Blue hTLR4.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Pietilä TK, et al. (2026) Replacing red meat with non-soy legumes alters choline metabolites but not systemic inflammation or proxies of gut barrier function in healthy males in a 6-week RCT. The Journal of nutritional biochemistry, 154, 110355.

Silva de Oliveira R, et al. (2025) Bifidobacteria-derived exopolysaccharide promotes anti-tumor immunity. Cell reports, 44(9), 116223.

Kim HY, et al. (2024) Specific targeting of cancer vaccines to antigen-presenting cells via an endogenous TLR2/6 ligand derived from cysteinyl-tRNA synthetase 1. Molecular therapy : the journal of the American Society of Gene Therapy, 32(10), 3597.

Baggio CH, et al. (2022) The dietary fibre rhamnogalacturonan improves intestinal epithelial barrier function in a microbiota-independent manner. British journal of pharmacology, 179(2), 337.

Olson LB, et al. (2022) Mixed-surface polyamidoamine polymer variants retain nucleic acid-scavenger ability with reduced toxicity. iScience, 25(12), 105542.

Engelmann C, et al. (2020) Recombinant Alkaline Phosphatase Prevents Acute on Chronic Liver Failure. Scientific reports, 10(1), 389.