

Recombinant Human KLK7 protein

Cat. No. KLK7-894H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLK7 protein(P49862-1)(Ile 30 - His 252) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	30-252 aa
Form	Supplied as 0.2 µm filtered solution in 20 mM HEPES, 150 mM NaCl, pH7.5 with glycerol as protectant.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH ₂ . The specific activity is >350 pmol/min/g.
Molecular Mass	The protein has a calculated MW of 24.3 kDa.
Endotoxin	Less than 1.0 EU per µg by the LAL method / rFC method.
Purity	>90% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles. This product is stable after storage at: The product MUST be stored at -70°C or lower upon receipt; -70°C for 3 months under sterile conditions.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [KLK7 kallikrein-related peptidase 7 \[Homo sapiens \]](#)

Official Symbol [KLK7](#)

Synonyms KLK7; kallikrein-related peptidase 7; kallikrein 7 (chymotryptic, stratum corneum) , PRSS6; kallikrein-7; SCCE; signal protein; serine protease 6; stratum corneum chymotryptic enzyme; kallikrein 7 (chymotryptic, stratum corneum); hK7; PRSS6;

Gene ID [5650](#)

mRNA Refseq [NM_001243126](#)

Protein Refseq [NP_001230055](#)

MIM [604438](#)

UniProt ID [P49862](#)

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