

Active Recombinant Human KLK11 protein, His-tagged

Cat. No. KLK11-2672H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human Kallikrein-11/KLK11 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Asn250) of human KLK11/Kallikrein-11 (Accession #NP_006844.1) fused with a 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Asn250
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its ability to cleave a colorimetric peptide substrate, N-carbobenzyl-L-lys-ThioBenzyl ester (Z-Lys-SBzl), in the presence of 5,5'-Dithio-bis (2-nitrobenzoic acid) (DTNB). The specific activity is >141.40 pmol/min/µg.
Molecular Mass	40 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 92% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for

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up to 1 week.

Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

GENE INFORMATION

Gene Name [KLK11 kallikrein-related peptidase 11 \[Homo sapiens \]](#)

Official Symbol [KLK11](#)

Synonyms KLK11; kallikrein-related peptidase 11; kallikrein 11 , PRSS20; kallikrein-11; TLSP; hK11; hippostasin; kallikrein 11; serine protease 20; trypsin-like protease; PRSS20; MGC33060;

Gene ID [11012](#)

mRNA Refseq [NM_001136032](#)

Protein Refseq [NP_001129504](#)

MIM [604434](#)

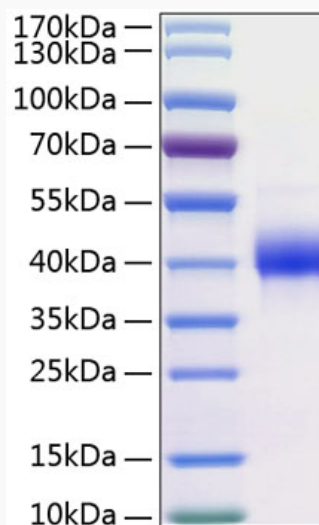
UniProt ID [Q9UBX7](#)

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SDS-PAGE



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