

Active Recombinant Human KLK11 Protein, His-tagged, Low Endotoxin

Cat. No. KLK11-075H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human KLK11 Protein(Q9UBX7-2)(Ile54-Asn282) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	54-282 aa
Form	Lyophilized from 0.22 µm filtered solution in 20mM HEPES, 150mM NaCl, 8% trehalose, 0.05% Brij-35 (pH 7.5).
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate: N-carbobenzyloxy-Lys-ThioBenzyl ester (Z-Lys-SBzl), in the presence of 5,5'Dithio-bis (2-nitrobenzoic acid) (DTNB). The specific activity is > 1200pmol/min/g.
Molecular Mass	The protein has a predicted MW of 26.85 kDa. Due to glycosylation, the protein migrates to 35-45 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after

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reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in 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](#)

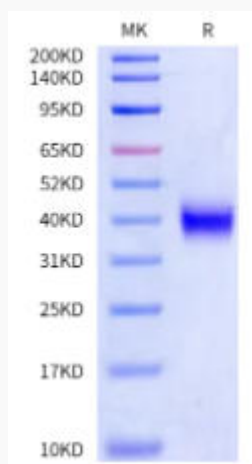
MIM [604434](#)

UniProt ID [Q9UBX7](#)

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Bis-Tris PAGE

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