Active Recombinant Human KLK8 protein, His-tagged

Cat. No. KLK8-1166H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human KLK8 protein(O60259-1)(Val33-Gly260) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	33-260 aa
Form	Lyophilized from 0.22 μm filtered solution in 20mM HEPES, 150mM NaCl, 8% trehalose, 0.05% Brij-35, 5mM Benzamidine (pH 7.5).
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate: BOC-Val-Pro-Arg-AMC. The specific activity is >500 pmol/min/μg.
Molecular Mass	The protein has a predicted MW of 26.07 kDa. Due to glycosylation, the protein migrates to 32-38 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 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 reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

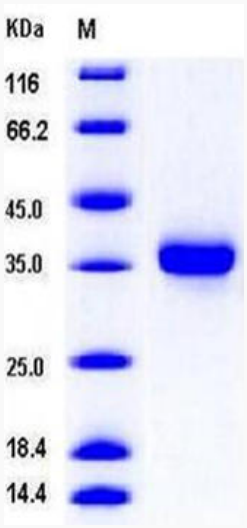
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Reconstitution	Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	KLK8 kallikrein-related peptidase 8 [Homo sapiens]
Official Symbol	KLK8
Synonyms	KLK8; kallikrein-related peptidase 8; kallikrein 8 (neuropsin/ovasin), PRSS19; kallikrein-8; HNP; neuropsin; ovasin; TADG14; hK8; neuropsin type 1; neuropsin type 2; serine protease 19; KLK8 protein type 1; KLK8 protein type 2; serine protease TADG-14; tumor-associated differentially expressed gene 14 protein; NP; NRPN; PRSS19;
Gene ID	11202
mRNA Refseq	NM_007196
Protein Refseq	NP_009127
MIM	605644
UniProt ID	O60259

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Bis-Tris PAGE	

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