

Active Recombinant Human KLK8 Protein, His-tagged

Cat. No. KLK8-998H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLK8 (Accession # O60259) Gln29-Gly260, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Gln29-Gly260
Predicted N Terminal	No results obtained: Gln29 predicted
Form	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate Boc-VPR-AMC. The specific activity is >500 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human KLK8, His-tagged has a calculated MW of 26 kDa. In SDS-PAGE migrates as 37 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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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
Chromosome Location	19q13

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