

Recombinant Full Length Human KLK8 Protein, GST-tagged

Cat. No. KLK8-5867HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KLK8 full-length ORF (NP_009127.1, 1 a.a. - 260 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	260 amino acids
Description	Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Alternate splicing of this gene results in four transcript variants encoding four different isoforms. The isoforms exhibit distinct patterns of expression that suggest roles in brain plasticity and ovarian cancer. [provided by RefSeq]
Molecular Mass	54.4 kDa
AA Sequence	MGRPRPRAAKTWMFLLLLGGAWAGHSRAQEDKVLGGHECQPHSQPWQAALFQG QQLLCGGVLVGGNWWLTAHCKKPKYTVRLGDHSLQNKDGPQEIPVVQSIHPHCY NSSDVEDHNHDLMLLQLRDQASLGSKVKPISLADHCTQPGQKCTVSGWGTVTSPR ENFPDTLNCAEVKIFPQKKCEDAYPGQITDGMVVCAGSSKGADTCQGDSGGPLVCD GALQGITSWGSDPCGRSDKPGVYTNICRYLDWIKKIIGSKG

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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

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UniProt ID

O60259

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