

## Recombinant Human KLK8 Protein, DDK-tagged

Cat. No. KLK8-462H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human KLK8(Asp33-Gly260), transcript variant 1, fused with DDK tag at C-terminal was expressed in Sf9 cells.

**Species** Human

**Source** Sf9 Cells

**ProteinLength** 33-260 a.a.

**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 tandem in a gene cluster on chromosome 19. The encoded protein may be involved in proteolytic cascade in the skin and may serve as a biomarker for ovarian cancer. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms.

**Form** 50mM Tris-HCl pH8.0, 150mM NaCl, 10%glycerol. Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.

**Molecular Mass** 25 kDa

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

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**Concentration** >50 ug/mL as determined by microplate BCA method

## 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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