

## Active Recombinant Human KLK5 protein, GGS-8H-tagged

Cat. No. KLK5-27H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KLK5 protein (Ile67- Ser293) (Accession: # Q9Y337), fused with a C-terminal GGS-8H tag was expressed in CHO cells.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	Ile67- Ser293
<b>Form</b>	0.22 µ filtered protein solution is in 25 mM MES, 150 mM NaCl, 20% glycerol pH 5.5
<b>Bio-activity</b>	Recombinant human KLK5 activity is measured by its ability to cleave the fluorogenic peptide substrate Boc-Val-Pro-Arg-AMC. The specific activity is > 200 pmol/min/g in the presence of 0.1 g of recombinant human KLK5.
<b>Molecular Mass</b>	The 236 amino acid recombinant protein has a predicted molecular mass of approximately 26.1 kD. The DTT-reduced and non-reduced protein migrates at approximately 60 and 50 kD by SDS-PAGE respectively.
<b>Endotoxin</b>	Less than 0.1 EU per g cytokine as determined by the LAL method
<b>Purity</b>	> 95%, as determined by Coomassie stained SDS-PAGE
<b>Storage</b>	Unopened vial can be stored at -20°C or -70°C for six months. For maximum results, quick spin vial prior to opening. Avoid repeated freeze/thaw cycles.

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**Concentration** 10 and 25 g sizes are bottled at 200 g/mL.

## GENE INFORMATION

**Gene Name** [KLK5 kallikrein related peptidase 5 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [25818](#)

**Synonyms** SCTE; KLKL2; KLK-L2

**Gene ID** [25818](#)

**mRNA Refseq** [NM\\_001077491.2](#)

**Protein Refseq** [NP\\_001070959.1](#)

**MIM** [605643](#)

**UniProt ID** [Q9Y337](#)

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