

Active Recombinant Human KLK12 Protein, His-tagged

Cat. No. KLK12-834H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLK12 (Accession # NP_665901) Ala18-Asn248, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Ala18-Asn248
Predicted N Terminal	Ala18
Form	Supplied as a 0.2 µ filtered solution in MES, NaCl and Glycerol.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate Boc-VPR-AMC. The specific activity is >4,000 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Human KLK12, 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	KLK12 kallikrein-related peptidase 12 [Homo sapiens]
Official Symbol	KLK12
Synonyms	KLK12; kallikrein-related peptidase 12; kallikrein 12; kallikrein-12; KLK L5; kallikrein-like protein 5; KLKL5; KLK-L5; MGC42603; DKFZp686H1078;
Gene ID	43849
mRNA Refseq	NM_019598
Protein Refseq	NP_062544
MIM	605539
UniProt ID	Q9UKR0
Chromosome Location	19q13.33

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