

Active Recombinant Human KLK14 protein, His-tagged

Cat. No. KLK14-274H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLK14(Gln19-Met248) fused with His tag at C-terminal was expressed in NS0.
Species	Human
Source	Mammalian Cells
ProteinLength	19-248 a.a.
Predicted N Terminal	Gln19 predicted
Form	Supplied as a 0.2 µm filtered solution in Tris, NaCl and Glycerol.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate Boc-VPR-AMC. The specific activity is >3,000 pmol/min/g.
Molecular Mass	Predicted Molecular Mass: 26 kDa; SDS-PAGE: 28 kDa, reducing conditions.
Endotoxin	<1.0 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain
Storage	Avoid repeated freeze-thaw cycles. 6 months from date of receipt, -20 to -70 centigrade as supplied.

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3 months, -20 to -70 centigrade under sterile conditions after opening.

GENE INFORMATION

Gene Name	KLK14 kallikrein-related peptidase 14 [Homo sapiens]
Official Symbol	KLK14
Synonyms	KLK14; kallikrein-related peptidase 14; kallikrein 14; kallikrein-14; KLK L6; hK14; kallikrein-like protein 6; KLK-L6;
Gene ID	43847
mRNA Refseq	NM_022046
Protein Refseq	NP_071329
MIM	606135
UniProt ID	Q9P0G3
Chromosome Location	19q13.3-q13.4
Function	peptidase activity; serine-type endopeptidase activity; serine-type endopeptidase activity;

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