

Active Recombinant Mouse KLK7 Protein, His-tagged

Cat. No. KLK7-564M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse KLK7 Protein (Gln22-Arg249) is produced by NS0-derived expression system. This protein is fused with a His-tag at C-terminal.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Gln22-Arg249
Predicted N Terminal	Gln22 predicted
Form	Supplied as a 0.2 µm filtered solution in HEPES and NaCl.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH ₂ . The specific activity is >70 pmol/min/µg.
Molecular Mass	Predicted Molecular Mass: 26 kDa; SDS-PAGE: 27-37 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 Colloidal Coomassie® Blue stain at 5 µg per lane
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 6 months from date of receipt, -20 to -70 centigrade as supplied.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

Gene Name	KLK7 kallikrein related-peptidase 7 (chymotryptic, stratum corneum) [Mus musculus]
Official Symbol	KLK7
Synonyms	KLK7; kallikrein-7; thymopsin; SCCE; Prss6;
Gene ID	23993
mRNA Refseq	NM_011872
Protein Refseq	NP_036002

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