

Kallikrein 1-related peptidase b22 Recombinant Protein | Klk1b22 recombinant protein

Recombinant Mouse Kallikrein 1-related peptidase b22

CATALOG # AAA114500	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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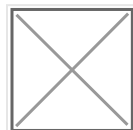
PRODUCT SYNONYMS

Kallikrein 1-related peptidase b22; Recombinant Mouse Kallikrein 1-related peptidase b22; Beta-NGF-endorpeptidase; Epidermal growth factor-binding protein type A; EGF-BP A; Glandular kallikrein K22; mGK-22; Nerve growth factor beta chain endopeptidase; Tissue kallikrein 22; Klk1b22 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	25-259aa; Full Length
Sequence	ILGGFKCEKN SQPWQVAVYY LDEYLCGGVL LDRNWVLTAH HCYEDKYNIW LGKNKLFQDE PSAQHRLVSK SFPHPDFNMS LLQSVPTGAD LSNDLMLRL SKPADITDVV KPIDLPTTEP KLGSTCLASG WGSINQLIQ NPNDLQCVSI KLHPNEVCVK AHILKVTDMV LCAGEMNGGK DTCKGDSGGP LICDGVLQGI TSWGSTPCGE PNAPAIYTKL IKFTSWIKDT MAKNP
Sequence Length	259
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Klk1b22 recombinant protein	Glandular kallikreins cleave Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin.
References	Mouse glandular kallikrein genes identification and characterization of the genes encoding the epidermal growth factor binding proteins.Drinkwater C.C., Evans B.A., Richards R.I.Biochemistry 26:6750-6756(1987) Beta-NGF-endorpeptidase structure and activity of a kallikrein encoded by the gene mGK-22.Fahnestock M., Woo J.E., Lopez G.A., Snow J., Walz D.A., Arici M.J., Mobley W.C.Biochemistry 30:3443-3450(1991) mGK-6-derived true tissue kallikrein is synthesized, processed, and targeted through a regulated secretory pathway in mouse pituitary AtT-20 cells.Peters J., Takahashi S., Tada M., Miyake Y.J. Biochem. 111:643-648(1992) Mouse glandular kallikrein genes. Structure and partial sequence analysis of the kallikrein gene locus.Evans B.A., Drinkwater C.C., Richards R.I.J. Biol. Chem. 262:8027-8034(1987)

NCBI AND UNIPROT INFORMATION

NCBI GI #	52693913
NCBI GeneID	13646

NCBI Accession #	NP_034244.1
NCBI GenBank Nucleotide #	NM_010114.1
UniProt Accession #	P15948
Molecular Weight	41.8 kDa
NCBI Official Full Name	kallikrein 1-related peptidase b22
NCBI Official Synonym Full Names	kallikrein 1-related peptidase b22
NCBI Official Symbol	Klk1b22
NCBI Official Synonym Symbols	Klk22; Egfbp1; mGk-22; Egfbp-1
NCBI Protein Information	kallikrein 1-related peptidase b22
UniProt Protein Name	Kallikrein 1-related peptidase b22
UniProt Gene Name	Klk1b22
UniProt Synonym Gene Names	Klk-22; Klk22; EGF-BP A; mGK-22
UniProt Entry Name	K1B22_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/klk1b22-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114500>