

Recombinant Mouse Klk1b22 Protein, His-tagged

Cat. No. Klk1b22-339M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Klk1b22 protein with His tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	259
Description	This gene encodes the beta subunit of the 7S nerve growth factor (NGF) complex that is essential for the differentiation and survival of distinct populations of neurons in both the central and the peripheral nervous systems. The encoded preproprotein undergoes proteolytic processing to generate a functional, mature peptide. This gene is located in a cluster of several related kallikrein genes on chromosome 7.
Form	Lyophilized
Molecular Mass	27.3 kDa
AA Sequence	MRFLILFLTSLGGIDAAPPVQSRILGGFKCEKNSQPWQVAVYYLDEYLCGGVLLDR NWVLTAAHCYEDKYNIWLGKNKLFQDEPSAQHRLVSKSFHPDFNMSLLQSVPTGA DLSNDLMLLRLSKPADITDVVKPIDLPTTEPKLGSTCLASGWGSINQLIYQNPNDLQC VSIKLHPNEVCVKAHILKVTDVMLCAGEMNGGKDTCKGDSGGPLICDGVLQGITSW GSTPCGEPNAPAIYTKLIKFTSWIKDTMAKNP
Purity	> 98%

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Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	Klk1b22 kallikrein 1-related peptidase b22 [Mus musculus (house mouse)]
Official Symbol	Klk1b22
Synonyms	Klk1b22; kallikrein 1-related peptidase b22; Klk22; Egfbp1; mGk-22; Egfbp-1; EGF-BP A; kallikrein 1-related peptidase b22; beta-NGF-endorpeptidase; epidermal growth factor-binding protein type A; glandular kallikrein K22; nerve growth factor beta chain endopeptidase; tissue kallikrein 22; EC 3.4.21.35
Gene ID	13646
mRNA Refseq	NM_010114

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Protein Refseq	NP_034244
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UniProt ID	P15948
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