

Product datasheet for **TP509674**

Klkb1 (NM_008455) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse kallikrein B, plasma 1 (Klkb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209674 protein sequence Red =Cloning site Green =Tags(s)

MILFNRVGYFVSLFATVSCGCMTQLYKNTFFRGGDLAAIYTPDAQYQCKMCTFHPRCLLFSFLAVTPPKE
TNKRFGCFMKESITGTLPRIHRTGAISGHSLKQCGHQISACHRDIYKGLDMRGSNFNISKTDNIEECQKL
CTNNFHCQFFTYATSAYRPEYRKKCLKHSASGTPTSISADNLVSGFLKSCALSEIGCPMDIFQHSA
FADLNVSQVITPDAFVCRITCTFHPNCLFFTFYTNWETESQRNVCFKTSKSGRPSPPIPQENAISGYS
LLTCRKTRPEPCHSKIYSGVDFEGEELNVTQVQADVCQETCTKTIRCQFFIYSLLPQDCKEEGCKCSLR
LSTDGSPTRITYGMQGSYSLRLCKLVDSPDCTTKINARIVGGTNASLGEWPWQVSLQVKLVSQTHLCG
GSIIGRQWVLTAAHCFDGIYPDVWRIYGGILSLSEITKETPSSRIKELIHHQYKVSSEGNIDIALIKLQ
TPLNYTEFQKPICLPSKADTNTIYTNWVTGWGTYKEQGETQNILQKATIPLVPNEECQKKYRDYVINKQ
MICAGYKEGGTDACKGDSGGPLVCKHSGRWQLVGITSWGEGCARKDQPGVYTKVSEYMDWILEKTQSSDV
RALETSSA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	71.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_032481
Locus ID:	16621
UniProt ID:	P26262
RefSeq Size:	2472
Cytogenetics:	8 25.17 cM
RefSeq ORF:	1917
Synonyms:	APS; Ka; Kal; Kal-3; Kal3; Klk; Klk3; PSA
Summary:	<p>This gene encodes a member of the kallikrein subfamily of serine proteases that are involved in diverse physiological functions such as skin desquamation, tooth enamel formation, seminal liquefaction, synaptic neural plasticity and brain function. The encoded preproprotein undergoes proteolytic processing to generate a disulfide-linked heterodimeric enzyme comprised of heavy and light chains. A complete deletion of the encoded protein prevents occlusive thrombus formation in mice with a minimal role in provoked bleeding. [provided by RefSeq, May 2016]</p>