

Active Recombinant Mouse Klk1 protein(Met1-Asp261), His-tagged

Cat. No. Klk1-519M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Klk1 protein(P15947)(Met1-Asp261), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Asp261
similar	Klk1
Alias	KLK1; kallikrein 1; kallikrein-1; KAL-B; kallikrein 6; renal kallikrein; tissue kallikrein-6; true tissue kallikrein; glandular kallikrein K1; kallikrein renal/pancreas/salivary; Kal; Klk6; mGk-6; Klk1b6; 0610007D04Rik;
Conjugate	C-His
Form	Lyophilized from sterile 25 mM Tris, 5 mM CaCl ₂ , 0.15 M NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The recombinant mouse KLK1 comprises 254 amino acids and has a predicted

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	molecular mass of 28.3 kDa. The apparent molecular mass of the protein is approximately 36 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	Klk1 kallikrein 1 [Mus musculus]
GeneNameWeblink	16612
OfficialSymbol	Klk1
OfficialSymbolWeblink	16612
GenelD	16612
GenelDWeblink	16612
mRNARefseq	NM_010639
mRNARefseqWeblink	NM_010639.7
ProteinRefseqWeblink	NP_034769.4

MIMWeblink	
UniProtID	
UniProtIDWeblink	
GENE INFORMATION	
Synonyms	KLK1; kallikrein 1; kallikrein-1; KAL-B; kallikrein 6; renal kallikrein; tissue kallikrein-6; true tissue kallikrein; glandular kallikrein K1; kallikrein renal/pancreas/salivary; Kal; Klk6; mGk-6; Klk1b6; 0610007D04Rik;
MIM	

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