Datasheet for ABIN4371647

Kallikrein 7 Protein (KLK7) (AA 22-249) (His tag)

Overview

Quantity:	50 μg
Target:	Kallikrein 7 (KLK7)
Protein Characteristics:	AA 22-249
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Kallikrein 7 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Kallikrein 7/KLK7 (C-6His)
Sequence:	QGERIIDGYK CKEGSHPWQV ALLKGNQLHC GGVLVDKYWV LTAAHCKMGQ YQVQLGSDKI GDQSAQKIKA TKSFRHPGYS TKTHVNDIML VRLDEPVKMS SKVEAVQLPE HCEPPGTSCT VSGWGTTTSP DVTFPSDLMC SDVKLISSRE CKKVYKDLLG KTMLCAGIPD SKTNTCNGDS GGPLVCNDTL QGLVSWGTYP CGQPNDPGVY TQVCKYKRWV METMKTHRVD HHHHHH
Characteristics:	Recombinant Mouse Kallikrein-7 is produced with a mammalian expression system in human cells. The target protein is expressed with sequence (Gln22-Arg249) of Mouse Kallikrein 7 fused with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 μm filtered
Endotoxin Level:	Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test

Target Details

Target:	Kallikrein 7 (KLK7)
Alternative Name:	Kallikrein-7 (KLK7 Products)
Molecular Weight:	26.1 kDa
UniProt:	Q91VE3
Pathways:	Complement System

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM HEPES,150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.