Datasheet for ABIN6387849

Kallikrein 2 Protein (KLK2) (AA 25-261) (His tag)

1 Image

Go to Product page

Overview

Quantity:	50 µg
Target:	Kallikrein 2 (KLK2)
Protein Characteristics:	AA 25-261
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Kallikrein 2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPIVGGWEC EKHSQPWQVA VYSHGWAHCG GVLVHPQWVL TAAHCLKKNS QVWLGRHNLF EPEDTGQRVP VSHSFPHPLY NMSLLKHQSL RPDEDSSHDL MLLRLSEPAK ITDVVKVLGL PTQEPALGTT CYASGWGSIE PEEFLRPRSL QCVSLHLLSN DMCARAYSEK VTEFMLCAGL WTGGKDTCGG DSGGPLVCNG VLQGITSWGP EPCALPEKPA VYTKVVHYRK WIKDTIAANP HHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	Kallikrein 2 (KLK2)
Alternative Name:	KLK2 (KLK2 Products)

Target Details

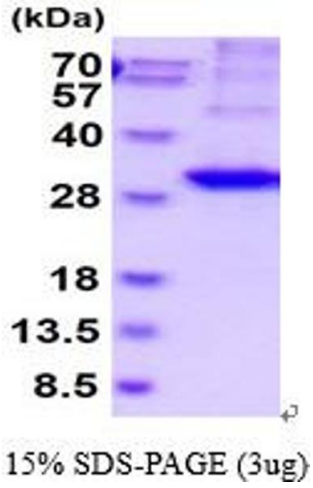
Background:	KLK2, also known as kallikerin-2 isoform1, is a secreted serine protease that is highly expressed in the human prostate gland. The enzyme is highly specific for cleavage after arginine residues. This protein is able to activate the urokinase-type plasminogen activator. It is inhibited by serpins such as protein C inhibitor, antichymotrypsin and plasminogen activator inhibitor. Recombinant human KLK2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	27.2kDa (246aa) 28-40KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_005542
UniProt:	P20151
Pathways:	Complement System

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.