

Datasheet for ABIN7596440

SERPINB5 Protein (AA 1-375) (His tag)



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Overview

Quantity:	100 µg
Target:	SERPINB5
Protein Characteristics:	AA 1-375
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINB5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MDALQLANSA FAVDLFKQLC EKEPLGNVLF SPICLSTSLA LAQVGAKGDT ANEIGQVLHF ENVKDVPFGF QTVTSDVNKL SSFYSLKLIK RLYVDKSLNL STEFISSTKR PYAKELETVD FKDKLEETKG QINNSIKDLT DGHFENILAD NSVNDQTKIL VVNAAYFVGK WMKKFSESET KECPFRVNKT DTKPVQMMNM EATFCMGNID SINCKIIELP FQNKHLMSFI LLPKDVEDES TGLEKIEKQL NSESLSQWTN PSTMANAKVK LSIPKFKEVEK MIDPKACLEN LGLKHIFSED TSDFSGMSET KGVALSNIH KVCLEITEDG GDSIEVPGAR ILQHKDELNA DHPFIYIIRH NKTRNIIFFG KFCSP
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

Target Details

Target:	SERPINB5
Alternative Name:	Serpin B5/Maspin (SERPINB5 Products)
Background:	Serpin B5/Maspin, also known as serpin family B member 5, is a tumor suppressor protein of serine proteinase inhibitor family. It plays an essential role in embryonic development through critical roles in cell adhesion. Also, it is present in normal breast and prostatic epithelial cells but down regulated in the respective carcinomas. Recombinant human Serpin B5/Maspin, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Molecular Weight:	44.2 kDa (395aa) confirmed by MALDI-TOF
NCBI Accession:	NP_002630
Pathways:	p53 Signaling

Application Details

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

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.