

Datasheet for ABIN7596365

SPON1 Protein (AA 29-807) (His tag)



[Go to Product page](#)

Overview

Quantity:	250 µg
Target:	SPON1
Protein Characteristics:	AA 29-807
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPON1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	FSDETLDKVP KSEGYCSRIL RAQGTTRREGY TEFSLRVEGD PDFYKPGTSY RVTLSAAPPS YFRGFTLIAL RENREGDKEE DHAGTFQIID EEETQFMSNC PVAVTESTPR RRTRIQVFWI APPAGTGCVI LKASIVQKRI IYFQDEGSLT KKLCEQDSTF DGVTDKPILD CCACGTAKYR LTFYGNWSEK THPKDYPRRA NHWSAIIIGGS HSKNYVLWEY GGYASEGVKQ VAE LGSPVKM EEEIRQQSDE VLTVIKAKAQ WPAWQPLNVR AAPSAEFSVD RTRHLSFLT MMGSPDWNV GLSAEDLCTK ECGWVQKVQV DLIPWDAGTD SGVTYESPNK PTIPQEKIRP LTSLDHPQSP FYDPEGGSIT QVARVIERI ARKGEQCNI VPDNVDDIVAD LAPEEKDEDD TPETCIYSNW SPWSACSSST CDKGKRMQR MLKAQLDLSV PCPDTQDFQP CMGPGCSDSD GSTCTMSEWI TWSPCSISCG MGMRSRERYV KQFPEDGSVC TLPTEETEK TVNEECSPSS CLMTEWGEWD ECSATCGMGM KKRHRMIKMN PADGSMCKAE TSQAEKCMMP ECHTIPCLLS PWSEWSDCSV TCGKGMRTTRQ RMLKSLAELG DCNEDLEQVE KCMLPECPID CELTEWSQWS ECKNSCGKGH VIRTRMIQME PQFGGAPCPE TVQRKKCRIR KCLRNPISIQK LRWREARES RSEQLKEESE
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Product Details

GEQFPGCRM R PWTAWSECTK LCGGGIQERY MTVKKRFKSS QFTSCKDKKE IRACNVHPC

Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	SPON1
Alternative Name:	F-spondin/SPON1 (SPON1 Products)
Target Type:	Viral Protein
Background:	SPON1, also known as F-Spondin, is a member of a sub-group of TSR(thrombospondin) molecules. It is a cell adhesion protein that promotes the attachment of spinal cord and sensory neuron cells and the outgrowth of neurites in vitro. This protein may contribute to the growth and guidance of axons. SPON1 is also major factor for vascular smooth muscle cell. It shows highest expression in lung and lowest expression in pancreas, skeletal muscle and ovary. This protein binds to the central extracellular of APP and inhibits beta-secretase cleavage of APP. Recombinant human SPON1, fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Molecular Weight:	88.9kDa (785aa)
NCBI Accession:	NP_006099

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
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.