

32-13802: SPON1 Human

Format : POR protein solution (0.25mg/ml) contains Phosphate buffer saline (pH 7.4) and 30% glycerol.

Alternative Name : F-Spondin, VSGP

Description

Source:HEK293 Cells.

Physical Appearance:Sterile filtered colorless solution.

Biological Activity:null

SPON1 is a cell adhesion protein which take part in the regulation of protein binding activity, regulation of protein processing and regulation of amyloid precursor protein catabolic mechanism. SPON1 is found in the extracellular space and it co-localizes with collagen-containing extracellular matrix. SPON1 stimulates the attachment of spinal cord and sensory neuron cells and the outgrowth of neurites in vitro.

SPON1 Human Recombinant produced in HEK293 cells is a single, glycosylated, polypeptide chain (29-807 a.a) containing a total of 785 amino acids, having a molecular mass of 88.9 kDa. SPON1 is fused to a 6 amino acid His-tag at C-terminus,and is purified by proprietary chromatographic techniques.

Product Info

Amount : 10 µg / 2 µg

Purification : Greater than 90% as determined by SDS-PAGE.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Amino Acid : FSDETLDKVP KSEGYCSRIL RAQGTRREGY TEFSLRVEGD PDFYKPGTYS RVTLAAPP YFRGFTLIAL
RENREGDKEE DHAGTFQIID EEETQFMSNC PVAVTESTPR RRTRIQVFWI APPAGTGCVI LKASIVQKRI
IYFQDEGSLT KKLCEQDSTF DGVTDPKILD CCACGTAKYR LTFYGNWSEK THPKDYPRRA NHWSAIIIGGS
HSKNYVLWEY GGYASEGVKQ VAE LGSPVKM EEEIRQQSDE VLTVIKAKAQ WPAWQPLNVR
AAPSAEFSVD RTRHLSFSLT MMGSPDWNV GLSAEDLCTK ECGWVQKVQ DLIPWDAGTD
SGVTYESPNK PTIPQEKIRP LTSLDHPQSP FYDPEGGSIT QVARVIERI ARKGEQCNI V PDNVDDIVAD
LAPEEKDEDD TPETCIYSNW SPWSACSSST CDKGKMRQR MLKAQLDSV PCPDTQDFQP
CMGPGCSDDED GSTCTMSEWI TWSPCSISCG MGMRSRERYV KQFPEDGSVC TLPTEETEK
TVNEECSPSS CLMTEWGEWD ECSATCGMGM KKRHRMIKMN PADGSMCKAE TSQAECMMP
ECHTIPCLLS PWSEWSDCSV TCGKGMTRQ RMLKSLAELG DCNEDLEQVE KCMLPECPID
CELTEWSQWS ECNKSCGKGH VIRTRMIQME PQFGGAPCPE TVQRKKCRIR KCLRNPISIQ LRWREARES
RSEQLKEESE GEQFPGCRM PWTAWSECTK LCGGGIQERY MTVKKRFKSS QFTSCKDKKE IRACNVHPC-
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