
Product Data Sheet

Product Name: SPON1 Human

Cat. No.: GP26346

Batch No.: 1

Product Data

Purity >98% Source HEK293 Cells.

Physical Appearance solid Shipping Condition withIcePacks

Synonyms F-Spondin, VSGP

Amino Acid Sequence

FSDETLDKVP KSEGYCSRIL RAQGTRREGY TEFSLRVEGD PDFYKPGTSY
 RVTLAAPP S YFRGFTLIAL RENREGDKEE DHAGTFQIID EEETQFMSNC
 PVAVTESTPR RRTRIQVFWI APPAGTGCVI LKASIVQKRI IYFQDEGSLT
 KKLCEQDSTF DGVTDKPILD CCACGTAKYR LTFYGNWSEK THPKDYPRRA
 NHWSAIIIGGS HSKNYVLWEY GGYASEGVKQ VAELGSPVKM EEEIRQQSDE
 VLTVIKAKAQ WPAWQPLNVR AAPSAEFSVD RTRHLMSFLT MMGSPDWNV
 GLSAEDLCTK ECGWVQKVQ DLIPWDAGTD SGVTYESPNK PTIPQEKIRP
 LTSLDHPQSP FYDPEGGSIT QVARVVIERI ARKGEQCNI V PDNVDDIVAD
 LAPEEKDEDD TPETCIYSNW SPWSACSSST CDKGKRMQR MLKAQLDLSV
 PCPDTQDFQP CMGPGCSDDED GSTCTMSEWI TWSPCSISCG MGMRSRERYV
 KQFPEDGSVC TLPTEETEK C TVNEECSPSS CLMTEWGEWD ECSATCGMGM
 KKRHRMIKMN PADGSMCKAE TSQA EKCMMP ECHTIPCLLS PWSEWSDCSV
 TCGKGMRTRQ RMLKSLAELG DCNEDLEQVE KCMLPECPID CELTEWSQWS
 ECNKSCGKGH VIRTRMIQME PQFGGAPCPE TVQRKKCRIR KCLRNPSIQK
 LRWREARES RSEQLKEESE GEQFPGCRM R PWTAWSECTK LCGGGIQERY
 MTVKKRFKSS QFTSCKDKKE IRACNVHPC-HHHHHH

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

Introduction

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

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

and sensory neuron cells and the outgrowth of neurites in vitro.

Stability

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA