

Recombinant Human SPNS1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SPNS1-5137H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SPNS1 MS Standard C13 and N15-labeled recombinant protein (NP_114427) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	SPNS1 (Sphingolipid Transporter 1 (Putative)) is a Protein Coding gene. Diseases associated with SPNS1 include Amelogenesis Imperfecta, Type Ig and 46,Xy Sex Reversal 2. Gene Ontology (GO) annotations related to this gene include transporter activity and sphingolipid transporter activity. An important paralog of this gene is SPNS2.
Molecular Mass	56.6 kDa
AA Sequence	MAGSDTAPFLSQADDPDDGPVPGTGPLPGSTGNPKSEEPEVPDQEGQLQRITGLSP GRSALIVAVLCYINLLNYMDRFTVAGVLPDIEQFFNIGDSSSGLIQTVFISSYMVLAPVF GYLGDRYNRKYLMCGGIAFWSLVTLGSSFIPGEHFWLLLLTRGLVGVGEASYSTIAP TLIADLFVADQRSRMLSIFYFAIPVGSGGLGYIAGSKVKDMAGDWHWALRVTPGLGVV AVLLLFLVVREPPRGAVERHSDLPPLNPTSWWADLRALARNPSFVLSSLGFTAVAFV TGSLALWAPAFLLRSRVVLGETPPCLPGDSCSSSDSLIFGLITCLTGVLVGVLGVEIS RRLRHSNPRADPLVCATGLLGSAPFLFLSLACARGSIVATYIFIFIGETLLSMNWAIVA DILLYVVIPTRRSTAEAFQIVLSHLLGDAGSPYLIGLISDRLRRNWPPSFLSEFRALQF

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	SLMLCAFVGALGGAAFLGTAIFIEADRRRAQLHVQGLLHEAGSTDDRIVVPQRGRST RVPVASVLITRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SPNS1 sphingolipid transporter 1 (putative) [Homo sapiens (human)]
Official Symbol	SPNS1
Synonyms	SPNS1; sphingolipid transporter 1 (putative); LAT; nrs; SPIN1; SPINL; HSpin1; PP2030; SLC62A1; SLC63A1; protein spinster homolog 1; SPNS sphingolipid transporter 1 (putative); spinster homolog 1; spinster-like protein 1
Gene ID	83985
mRNA Refseq	NM_032038
Protein Refseq	NP_114427
MIM	612583

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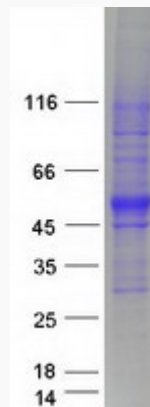
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UniProt ID

Q9H2V7

SDS-PAGE

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