

SPN recombinant protein

SPN, 20-253aa, Human, His tag, E Coli

CATALOG # AAA48813	HOST E Coli	APPLICATIONS SDS-Page
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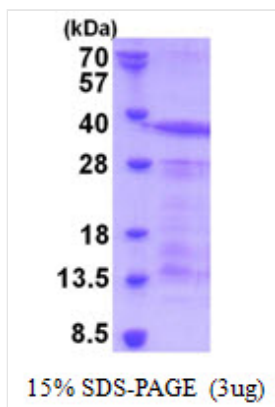
PRODUCT SYNONYMS

SPN; 20-253aa; Human; His tag; E Coli; leukosialin precursor; CD43; GALGP; GPL115; LSN; SPN recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol
Concentration	1 mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence	MGSSHHHHH SSSLVPRGSH MGSSTTAVQT PTSGEPLVST SEPLSSKMYT TSITSDPKAD STGDQTSALP PSTSINEGSP LWTSIGASTG SPLPEPTYQ EVSIKMSSVP QETPHATSHP AVPITANSLG SHTVTGGTIT TNSPETSSRT SGAPVTTAAS SLETSRGTS G PPLTMATVSL ETSKGTSGPP VTMATDSLET STGTTGPPVT MTTGSLEPSS GASGPQVSSV KLSTMMSPPT STNASTVPFR NPDENSR
Sequence Length	400
Applicable Applications for SPN recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Domain	20-253aa
Preparation and Storage	Can be stored at 2-8°C for 1 week. For long term storage, aliquot and store at -20°C or -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SPN recombinant protein	SPN is a major sialoglycoprotein found on the surface of thymocytes, T lymphocytes, monocytes, granulocytes, and some B lymphocytes. It may be part of a physiologic ligand-receptor complex involved in T-cell activation. During T-cell activation, this protein is actively removed from the T-cell-APC (antigen-presenting cell) contact site, suggesting a negative regulatory role in adaptive immune response. Recombinant human SPN protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for SPN recombinant protein	Stem Cell
References	Park,H.J., et al. (2012) Am. J. Surg. Pathol. 36 (8), 1150-1157; Balikova,A., et al. (2012) Int. J. Oncol. 41 (1), 299-309

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507181
NCBI GeneID	6693
NCBI Accession #	NP_003114
NCBI GenBank Nucleotide #	NM_003123.5
UniProt Accession #	P16150; A8K9B1
Molecular Weight	25.8kDa (257aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)
NCBI Official Full Name	leukosialin
NCBI Official Synonym Full Names	sialophorin
NCBI Official Symbol	SPN
NCBI Official Synonym Symbols	LSN; CD43; GALGP; GPL115
NCBI Protein Information	leukosialin
UniProt Protein Name	Leukosialin
UniProt Gene Name	SPN
UniProt Synonym Gene Names	CD43; GALGP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.