

Recombinant Human PSPN Protein, His tagged

Cat. No. PSPN-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSPN Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	22-156 aa
Description	This gene encodes a secreted ligand of the GDNF (glial cell line-derived neurotrophic factor) subfamily and TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate the mature protein. This protein signals through the RET receptor tyrosine kinase and a GPI-linked coreceptor, and promotes survival of neuronal populations. This protein may play a role in cell death, and nervous system development and function. Elevated expression of this gene has been observed in oral squamous cell carcinoma.
Tag	His
Molecular Mass	15.4 kDa
AA Sequence	MHHHHHHWGPDARGVPVADGEFSSEQVAKAGGTWLGTHRPLARLRRALSGPCQL WSLTLSVAELGLGYASEEKVIFRYCAGSCPRGARTQHGLALARLQGQGRAHGGPC CRPTRYTDVAFLDDRHRWQRLPQLSAAACGCGG

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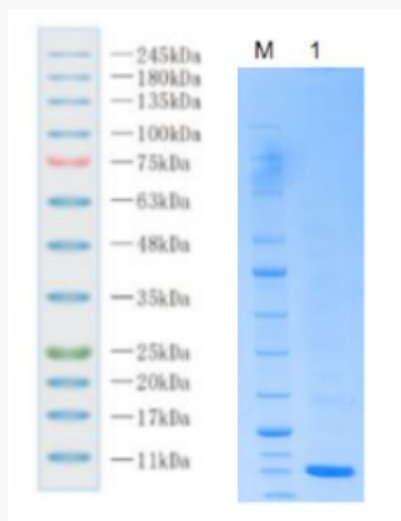
Endotoxin	<2 EU/μg by LAL
Purity	> 85% by SDS-PAGE
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4
Concentration	1 mg/mL
GENE INFORMATION	
Gene Name	PSPN persephin [Homo sapiens (human)]
Official Symbol	PSPN
Synonyms	PSPN; persephin; PSP;
Gene ID	5623
mRNA Refseq	NM_004158
Protein Refseq	NP_004149
MIM	602921
UniProt ID	O60542

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Reducing 4%-20%
SDS-PAGE (CBB
stained) analysis
profile of purified
PSPN.



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