

Active Recombinant Human PSPN

Cat. No. PSPN-1003H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSPN (Accession # O60542) Ala61-Gly156, fused with , was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala61-Gly156
Predicted N Terminal	Ala61
Form	Lyophilized from a 0.2 µ filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using TT human medullary thyroid cancer cells.The ED50 for this effect is typically 4 - 16 ng/mL.
Molecular Mass	Recombinant Human PSPN has a calculated MW of 10.3 kDa (monomer).
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	PSPN persephin [Homo sapiens]
Official Symbol	PSPN
Synonyms	PSPN; persephin; PSP;
Gene ID	5623
mRNA Refseq	NM_004158
Protein Refseq	NP_004149
MIM	602921
UniProt ID	O60542
Chromosome Location	19p13.3

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