

# Product Datasheet

## Recombinant Mouse Persephin Protein NBP2-35118-5ug

Unit Size: 5ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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**NBP2-35118-5ug**

## Recombinant Mouse Persephin Protein

Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 30 % ACN, 0.1 % TFA, 150 mM NaCl.
Target Molecular Weight	20.7 kDa

Product Description	
Description	A disulfide-linked homodimer of two 96 amino acid polypeptide chains corresponding to Persephin <b>Source:</b> <i>E. coli</i>  <b>Uniprot ID:</b> O70300  <b>Amino Acid Sequence:</b> ALAGSCLWS LTLPVAELGL GYASEEKVIF RYCAGSCPQE ARTQHSLVLA RLRGRGRAHG RPCCQPTS YA DVTFLDDQHH WQQLPQLSAA ACGCGG
Gene ID	5623
Gene Symbol	PSPN
Species	Mouse
Details of Functionality	Persephin Protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human TT medullary thyroid cancer cells is less than 0.1 ng/ml, corresponding to a specific activity of > 1.0 x 10 <sup>7</sup> IU/mg.
Endotoxin Note	Less than 0.1 EU/ug of Persephin as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity



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### **Products Related to NBP2-35118-5ug**

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NBP2-35208-5ug	Recombinant Human Persephin Protein
7954-GM-010/CF	GM-CSF [Unconjugated]
MAB2388	Persephin Antibody (275508) [Unconjugated]
212-GD-010	GDNF [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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