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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PSPN (Human) Recombinant Protein

Catalog Number: P9065

Regulation Status: For research use only (RUO)

Product Description: Human PSPN (O60542)
recombinant protein expressed in *Escherichia coli*.

Sequence:

ALSGPCQLWLSLTLSVAELGLGYASEEKVIFRYCAGSC
PRGARTQHGLALARLQGQGRAHGGPCCRPTRYTDVA
FLDDRHRWQRLPQLSAAACGCGG.

Host: *Escherichia coli*

Theoretical MW (kDa): 20.5

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Form: Lyophilized

Preparation Method: *Escherichia coli* expression
system

Purity: > 95% by HPLC and SDS PAGE

Activity: 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 10 ng/mL, corresponding to a specific activity
of > 1.0 × 100,000 IU/mg.

Storage Buffer: Lyophilized from PBS, pH 7.4.

Storage Instruction: Store, frozen at -20°C for longer
periods of time.
For long term storage it is recommended to add a carrier
protein (0.1% HSA or BSA).
Avoid multiple freeze-thaw cycles.

Entrez GeneID: 5623

Gene Symbol: PSPN

Gene Alias: PSP

Gene Summary: The protein encoded by this gene is a

neurotrophic factor, belonging to the GDNF family. Neurotrophic factors are important for the proper development and maintenance of the nervous system. These factors promote neuronal survival and can prevent the neuronal degeneration associated with injury, toxin exposure, or neurodegenerative disease. The encoded protein has amino acid similarity to its other family members, glial cell line-derived neurotrophic factor and neurturin. This gene product promotes the survival of ventral midbrain dopaminergic neurons in culture and prevents their degeneration after 6-hydroxydopamine treatment in vivo. [provided by RefSeq]