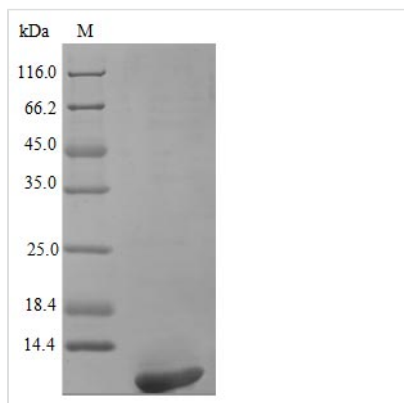




Recombinant Human Persephin protein (PSPN), partial (Active)

Product Code	CSB-AP002951HU
Abbreviation	Recombinant Human PSPN protein, partial (Active)
Uniprot No.	O60542
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, pH 7.4
Product Type	Enzyme
Immunogen Species	Homo sapiens (Human)
Biological 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 $>1.0 \times 10^5$ IU/mg.
Purity	$\geq 97\%$ as determined by SDS-PAGE.
Sequence	ALSGPCQLWS LTLSVAELGL GYASEEKVIF RYCAGSCPRG ARTQHGLALA RLQGQGRAHG GPCCRPTRYT DVAFLDDRHR WQRLPQLSAA ACGCGG
Research Area	Neuroscience?
Source	E.Coli
Target Names	PSPN
Expression Region	61-156aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	10.3 kDa
Protein Length	Partial
PubMed ID	9491986

Image



**Endotoxin**

Less than 1.0 EU/μg as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.