

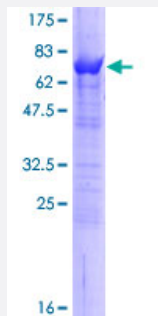
Full-Length

SELENBP1 (Human) Recombinant Protein (P01)

Catalog # H00008991-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SELENBP1 full-length ORF (NP_003935.2, 1 a.a. - 472 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MATKCGNCGPGYSTPLEAMKGPREEIVLPCMYRNTGTEAPDYLATVDVDPKSPQYCQVIHRLPM
PNLKDELHHSWNTCSSCFGDSTKSRTKLVLPSLISSRIYVDVGSEPRAPKLHKVIEPKDIHAKC
ELAFHTSHCLASGEVMISLGDVKGNGKGGFVLLDGETFEVKGTWERPGGAAPLGYDFWYQP
RHNVMISTEWAAPNVLRDGFNPADVEAGLYGSHLYVWDWQRHEIVQTLSLKDGLIPLEIRFLHNP
DAAQGFVGCALSSTIQRFYKNEGGTWSVEKVIQVPPKKVKGWLLPEMPGLITDILLSLDDRFLYFS
NWLHGDRLRQYDISDPQRPRLTGQLFLGGSIVKGGPVQVLEDEELKSQPEPLVVKGKRVAGGPQM
IQLSLDGKRLYITTSLYSAWDKQFYPDLIREGSVMLQVDVDTVKGGLKLNPNFLVDFGKEPLGPAL
AHELRYPGGDCSSDIWI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

78.8

Interspecies Antigen Sequence

Mouse (87)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SELENBP1

Entrez GeneID	8991
GeneBank Accession#	NM_003944.2
Protein Accession#	NP_003935.2
Gene Name	SELENBP1
Gene Alias	FLJ13813, LPSB, SP56, hSBP, hSP56
Gene Description	selenium binding protein 1
Omim ID	604188
Gene Ontology	Hyperlink
Gene Summary	This gene product belongs to the selenium-binding protein family. Selenium is an essential nutrient that exhibits potent anticarcinogenic properties, and deficiency of selenium may cause certain neurologic diseases. It has been proposed that the effects of selenium in preventing cancer and neurologic diseases may be mediated by selenium-binding proteins. The exact function of this gene is not known. [provided by RefSeq]
Other Designations	-

Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)
- [Schizophrenia](#)