

Recombinant Full Length Human SELENBP1 Protein, C-Flag-tagged

Cat. No. SELENBP1-2066HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SELENBP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the selenium-binding protein family. Selenium is an essential nutrient that exhibits potent anticarcinogenic properties, and deficiency of selenium may cause certain neurologic diseases. The effects of selenium in preventing cancer and neurologic diseases may be mediated by selenium-binding proteins, and decreased expression of this gene may be associated with several types of cancer. The encoded protein may play a selenium-dependent role in ubiquitination/deubiquitination-mediated protein degradation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	52.2 kDa
AA Sequence	MATKCGNCGPGYSTPLEAMKGPREEIVYLPCIYRNTGTEAPDYLATVDVDPKSPQY CQVIHRLPMPNLKD ELHHS GWNTCSSCFGDSTKSRTKLVLPSLISSRIYVVDVGSEP RAPKLHKVIEPKDIHAKCELAFLHTSH CLASGEVMISSLGDVKGNKGKGFVLLDGET FEVKGTWERPGGAAPLGYDFWYQPRHNMISTEWAAPNVL RDGFNPADVEAGLY

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GSHLYVWDWQRHEIVQTLSLKDGLIPLEIRFLHNPDAAQGFVGCALSSTIQRFYKN E
GGTWSVEKVIQVPPKKVKGWLLPEMPGLITDILLSLDDRFLYFSNWLHGDLRQYDIS
DPQRPRLTGQLF LGGSIVKGGPVQVLEDEELKSQPEPLVVKGKRVAGGPQMIQLSL
DGKRLYITTSLYSAWDKQFYDPDLIRE GSVMLQVDVDTVKGGLKLNPNFLVDFGKEP
LGPALAHELRYPGGDCSSDIWI TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	SELENBP1 selenium binding protein 1 [Homo sapiens (human)]
Official Symbol	SELENBP1
Synonyms	MTO; LPSB; SP56; hSBP; EHMT0; SBP56; HEL-S-134P
Gene ID	8991
mRNA Refseq	NM_003944.4

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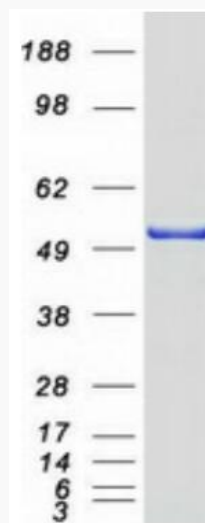
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Protein Refseq NP_003935.2

MIM 604188

UniProt ID Q13228



Coomassie blue staining of purified SELENBP1 protein.

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