

Recombinant Human SELENBP1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. SELENBP1-183H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SELENBP1 MS Standard C13 and N15-labeled recombinant protein (NP_003935) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. [provided by RefSeq, Apr 2012]
Molecular Mass	52.4 kDa
AA Sequence	MATKCGNCGPGYSTPLEAMKGPREEIVYLPCIYRNTGTEAPDYLATVDVDPKSPQY CQVIHRLPMPNLKDELHHSGWNTCSSCFGDSTKSRTKLVLPSLISSRIYVVDVGSEP RAPKLHKVIEPKDIHAKCELAFLHTSHCLASGEVMISSLGDVKGNKGKGGFVLLDGETF EVKGTWERPGGAAPLGDFWYQPRHNMISTEWAAPNVLRDGFNPADVEAGLYG SHLYVWDWQRHEIVQTLSLKDGLIPLEIRFLHNPDAAQGFVGCALSSTIQRFYKNEG

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GTWSVEKVIQVPPKKVKGWLLPEMPGLITDILLSLDDRFLYFSNWLHGDLRQYDISD
PQRPRLTGQLFLGGSIVKGGPVQVLEDEELKSQPEPLVVKGKRVAGGPQMIQLSLD
GKRLYITTSLYSAWDKQFYDPLIREGSMVLQVDVDTVKGGLKLNPNFLVDFGKEPLG
PALAHELRYPGGDCSSDIWITRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SELENBP1 selenium binding protein 1 [Homo sapiens (human)]

Official Symbol SELENBP1

Synonyms LPSB; SP56; hSBP; SBP56

Gene ID 8991

mRNA Refseq NM_003944

Protein Refseq NP_003935

MIM 604188

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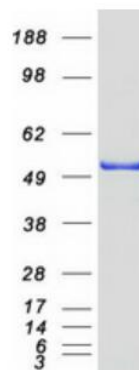
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UniProt ID

Q13228

SDS-PAGE

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