Recombinant Human SELENBP1 Protein, His-tagged

Cat. No. SELENBP1-453H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SELENBP1(Thr46~Ser286) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr46~Ser286
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 se lenium 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. T he encoded protein may play a selenium-dependent role in ubiquitination/deubiquitina tion-mediated protein degradation. Alternatively spliced transcript variants encoding m ultiple isoforms have been observed for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	28.3kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 98%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	SELENBP1 selenium binding protein 1 [Homo sapiens]
Official Symbol	SELENBP1
Synonyms	LPSB; SP56; hSBP; SBP56
Gene ID	8991
mRNA Refseq	NM_003944.3
Protein Refseq	NP_003935.2
MIM	604188
UniProt ID	Q13228

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