



Recombinant Human Selenium-binding protein 1 (SELENBP1)

Product Code	CSB-YP618766HU
Abbreviation	SELENBP1
Storage	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.
Uniprot No.	Q13228
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	ATKCGNCGP GYSTPLEAMK GPREEIVYLP CIYRNTGTEA PDYLATVDVD PKSPQYCQVI HRLPMPNLKD ELHHSWNTC SSCFGDSTKS RTKLVLP SSRIYVVDVG SEPRAPKLHK VIEPKDIHAK CELAFLHTSH CLASGEVMIS SLGDVKGNGK GGFVLLDGET FEVKGTWERP GGAAPLGYDF WYQPRHNVMI STEWAAPNVL RDGFNPADVE AGLYGSHLYV WDWQRHEIVQ TSLKDGGLIP LEIRFLHNPD AAQGFVGCAL SSTIQRFYKN EGGTWSVEKV IQVPPKKVKG WLLPEMPGLI TDILLSLDDR FLYFSNWLHG DLRQYDISDP QRPRLTGQLF LGGIVKGGP VQVLEDEELK SQPEPLVVKG KRVAGGPQMI QLSLDGKRLY ITTSLYSAWD KQFYPLIRE GSVMLQVDVD TVKGGLKLNPNFLVDFGKEP LGPALAHELRYPGGDCSSDIWI
Source	Yeast
Target Names	SELENBP1
Protein Names	Recommended name: Selenium-binding protein 1 Alternative name(s): 56 kDa selenium-binding protein Short name= SBP56 Short name= SP56
Expression Region	2-472
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
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.