



Recombinant Human Selenium-binding protein 1 (SELENBP1)

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| Product Code | CSB-MP618766HU |
| 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 TSLKDG LIP LEIRFLHNPD AAQGFVGCAL SSTIQRFYKN EGGTWSVEKV IQVPPKKVKG WLLPEMPGLI TDILLSLDDR FLYFSNLWHG DLRQYDISDP QRPRLTGQLF LGG SIVKGGP VQVLEDEELK SQPEPLVVKG KRVAGGPQMI QLSLDGKRLY ITTSLYSAWD KQFYPD LIRE GSVMLQVDVD TVKGGLKLNPNFLVDFGKEP LGPALAHELRYPGGDCSSDIWI |
| Source | Mammalian cell |
| 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

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