



Recombinant Human Oxysterol-binding protein-related protein 2 (OSBPL2)

Product Code	CSB-EP884442HU-B
Abbreviation	OSBPL2
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.	Q9H1P3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MNGEEFFDA VTGFSDNSS GEFSEANQKV TGMIDLTSK NNRIGKTGER PSQENGIQKH RTSLPAPMFS RSDFSVWTIL KKCVGLELSK ITMPIAFNEP LSFLQRITEY MEHVYLHRA SCQPQLERM QSVAFAVSA VASQWERTGK PFNPLLGETY ELIREDLGFR FISEQVSHHP PISAFHSEGL NHDFLFHGSI YPKLKFVGKS VEAEPRGIT LELLKHNEAY TWTNPTCCVH NVIIGKLWIE QYGTVEILNH RTGHKCVLHF KPCGLFGKEL HKVEGHIQDK NKKKLFMIYG KWTECLWGID PVSYESFKKQ ERRGDHLRKA KLEDESGKAD SDVADDVPVA QETVQVIPGS KLLWRINTRP PNSAQMYNFT SFTVSLNELE TGMEKTLPT DCRLRPDIRG MENGNMDLAS QEKERLEEKQ REARRERAKE EAEWQTRWFY PGNNPYTGTP DWLYAGDYFE RNFSDCPDIY
Source	E.coli
Target Names	OSBPL2
Protein Names	Recommended name: Oxysterol-binding protein-related protein 2 Short name= ORP-2 Short name= OSBP-related protein 2
Expression Region	1-480
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 protein
Target Details	This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of intracellular lipid receptors. Most members contain an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain, although some members contain only the sterol-binding domain. This encoded protein contains only the sterol-binding domain. In vitro studies have shown that the encoded protein can bind strongly to phosphatic acid and weakly to phosphatidylinositol 3-phosphate, but cannot bind to 25-hydroxycholesterol. The protein associates with the Golgi apparatus. Transcript



variants encoding different isoforms have been described.

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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