

Full-Length

OSBPL2 (Human) Recombinant Protein (P01)

Catalog # H00009885-P01

Size 50 ug

Specification

Product Description	Human OSBPL2 full-length ORF (1 a.a. - 480 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MNGEEFFDAVTGFDSDNSSGEFSEANQKVTGMIDLDTSKNNRIGKTGERPSQENGIQKHRTSLP APMFSRSDFSVWTILKKCVGLELSKITMPIAFNEPLSFLQRITEYMEHVYLIHRASCQPQPLERMQS VAAFAVS AVASQWERTGKPFNPLLGETYELIREDLGFRFISEQVSHHPPISAFHSEGLNHDFLFHG SNPKLKFWGKSVEAEPRGTITLELLKHNEAYTWTNPTCCVHNVIIGKLWIEQYGTVEILNHRTGHKC VLHFKPCGLFGKELHKVEGHIQDKNKKKLFMIYGKWTECLWGIDPVSYESFKKQERRGDHLRKAK LDEDSGKANS DVADDVPVAQETVQVIPGSKLLWRINTRPPNSAQMYNFTSFTVSLNELETGMEKT LPPTDCRLRPDIRGMENGNMDLASQEKERLEEKLREARRERAKEEA EWQTRWFYPGNNPYTGT PDWLYAGDYFERNFSDCPDIY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	81.6
Interspecies Antigen Sequence	Mouse (89); Rat (90)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

- Antibody Production
- Protein Array

Gene Info — OSBPL2

Entrez GeneID [9885](#)

GeneBank Accession# [AK000230.1](#)

Gene Name OSBPL2

Gene Alias FLJ20223, KIAA0772, MGC4307, MGC8342, ORP-2, ORP2

Gene Description oxysterol binding protein-like 2

Omim ID [606731](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 phosphatidic 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. [provided by RefSeq]

Other Designations OSBP-related protein 2|OTTHUMP00000031478|OTTHUMP00000031479|oxysterol-binding protein-like 2|oxysterol-binding protein-like protein 2|oxysterol-binding protein-related protein 2

Disease

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