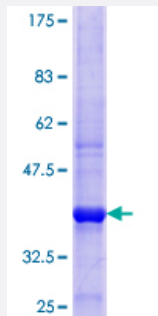


OSBPL2 (Human) Recombinant Protein (Q01)

Catalog # H00009885-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human OSBPL2 partial ORF (NP_653081.1, 294 a.a. - 393 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KLFGMYGKWTECLWGIDPVSYESFKKQERRGDHLRKAKLDEDSGKADSDVADDVPVAQETVQVI PGSKLLWRINTRPPNSAQMYNFTSFTVSLNELETGM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (89); Rat (90)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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#	NM_144498
Protein Accession#	NP_653081.1
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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