

Recombinant Human OSBPL8 Protein, His-tagged

Cat. No. OSBPL8-2533H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OSBPL8 Protein (Val148-Lys265) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val148-Lys265
Description	This gene encodes a member of a family of proteins containing an N-terminal pleckstrin homology domain and a highly conserved C-terminal oxysterol-binding protein-like sterol-binding domain. It binds multiple lipid-containing molecules, including phosphatidylserine, phosphatidylinositol 4-phosphate (PI4P) and oxysterol, and promotes their exchange between the endoplasmic reticulum and the plasma membrane. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17 kDa Accurate Molecular Mass: 15 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	OSBPL8 oxysterol binding protein-like 8 [Homo sapiens (human)]
Official Symbol	OSBPL8
Synonyms	OSBPL8; oxysterol binding protein-like 8; oxysterol-binding protein-related protein 8; MST120; MSTP120; ORP8; OSBP10; ORP-8; OSBP-related protein 8; MGC126578; MGC133203; DKFZp686A11164;
Gene ID	114882
mRNA Refseq	NM_001003712
Protein Refseq	NP_001003712
MIM	606736

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UniProt ID

Q9BZF1

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