

Recombinant Human OSBP protein, His & T7-tagged

Cat. No. OSBP-8006H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human OSBP aa. (Thr546~Phe807 (Accession # P22059)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Thr546~Phe807
Description	Oxysterol binding protein is an intracellular protein that is believed to transport sterols from lysosomes to the nucleus where the sterol down-regulates the genes for the LDL receptor, HMG-CoA reductase, and HMG synthetase
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 8.5.
Applications	SDS-PAGE; WB; ELISA; IP

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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

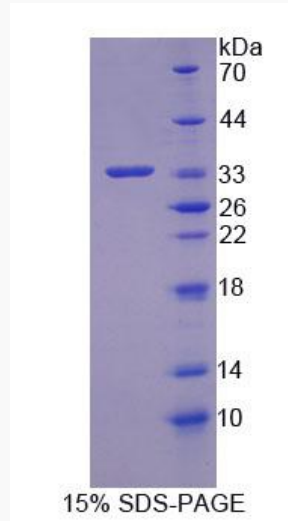
Gene Name	OSBP oxysterol binding protein [Homo sapiens (human)]
Official Symbol	OSBP
Synonyms	OSBP1; oxysterol-binding protein 1
Gene ID	5007
mRNA Refseq	NM_002556.2
Protein Refseq	NP_002547.1
UniProt ID	P22059

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SDS-PAGE



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