

Recombinant Human OSBPL1A 293 Cell Lysate

Cat. No. OSBPL1A-3540HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for oxysterol binding protein-like 1A (OSBPL1A), transcript variant OSBPL1B is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

OSBPL1A oxysterol binding protein-like 1A [Homo sapiens]

Official Symbol

OSBPL1A

Synonyms

OSBPL1A; oxysterol binding protein-like 1A; OSBPL1B, oxysterol binding protein like 1B; oxysterol-binding protein-related protein 1; ORP 1; ORP1; OSBP-related protein 1; oxysterol binding protein-like 1B; oxysterol-binding protein-related protein 1 variant 1; oxysterol-binding protein-related protein 1 variant 2; ORP-1; OSBPL1B; FLJ10217;

Gene ID

114876

mRNA Refseq

NM_080597

Protein Refseq

NP_542164

MIM

606730

UniProt ID

Q9BXW6

Chromosome Location

18q11.2

Function

phospholipid binding; protein binding;

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