

Recombinant Human OBFC1 293 Cell Lysate

Cat. No. OBFC1-3611HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for oligonucleotide/oligosaccharide-binding fold containing 1 (OBFC 1) 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/DK 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	OBFC1 oligonucleotide/oligosaccharide-binding fold containing 1 [Homo sapiens]
Official Symbol	OBFC1
Synonyms	OBFC1; oligonucleotide/oligosaccharide-binding fold containing 1; CST complex subunit STN1; bA541N10.2; FLJ22559; alpha accessory factor 44; suppressor of cdc thirteen homolog; replication protein A 32 kDa subunit; oligonucleotide/oligosaccharide-binding fold-containing protein 1; STN1; AAF44; AAF-44; RPA-32; RP11-541N10.2;
Gene ID	79991
mRNA Refseq	NM_024928
Protein Refseq	NP_079204
MIM	613128
UniProt ID	Q9H668
Chromosome Location	10q25.1
Function	DNA binding; protein binding; single-stranded DNA binding; single-stranded telomeric DNA binding;

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