Recombinant Human OIP5 293 Cell Lysate

Cat. No. OIP5-3588HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for Opa interacting protein 5 (OIP5) 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	OIP5 Opa interacting protein 5 [Homo sapiens]
Official Symbol	OIP5
Synonyms	OIP5; Opa interacting protein 5; protein Mis18-beta; cancer/testis antigen 86; CT86; hMIS18beta; MIS18 kinetochore protein homolog B (S. pombe); MIS18B; OIP-5; LAP2alpha interactor-25; opa-interacting protein 5; MIS18 kinetochore protein homolog B; LINT-25; MIS18beta; 5730547N13Rik;
Gene ID	11339
mRNA Refseq	NM_007280
Protein Refseq	NP_009211
MIM	606020
UniProt ID	O43482
Chromosome Location	15q14
Pathway	Cell Cycle, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; Deposition of New CENPA-containing Nucleosomes at the Centromere, organism-specific biosystem; Nucleosome assembly, organism-specific

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	biosystem;
Function	protein binding;

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