

Recombinant Human IFT57 293 Cell Lysate

Cat. No. IFT57-5273HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for intraflagellar transport 57 homolog (Chlamydomonas) (IFT57) 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 IFT57 intraflagellar transport 57 homolog (Chlamydomonas) [Homo sapiens]

Official Symbol IFT57

Synonyms

IFT57; intraflagellar transport 57 homolog (Chlamydomonas); ESRRL1, estrogen related receptor beta like 1; intraflagellar transport protein 57 homolog; FLJ10147; HIPPI; MHS4R2; HIP1 protein interactor; HIP1-interacting protein; dermal papilla-derived protein 8; estrogen-related receptor beta like 1; estrogen-related receptor beta-like protein 1; huntingtin interacting protein-1 interacting protein; ESRRL1;

Gene ID 55081

mRNA Refseq NM_018010

Protein Refseq NP_060480

MIM 606621

UniProt ID Q9NWB7

Chromosome Location 3q13.13

Pathway

Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem;

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Function

DNA binding; protein binding;

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