

Recombinant Human DTL 293 Cell Lysate

Cat. No. DTL-6801HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for denticleless homolog (Drosophila) (DTL) 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

DTL denticleless E3 ubiquitin protein ligase homolog (Drosophila) [Homo sapiens]

Official Symbol

DTL

Synonyms

DTL; denticleless E3 ubiquitin protein ligase homolog (Drosophila); denticleless homolog (Drosophila); denticleless protein homolog; DCAF2; DDB1 and CUL4 associated factor 2; L2DTL; RA regulated nuclear matrix associated protein; RAMP; denticleless homolog; DDB1- and CUL4-associated factor 2; lethal(2) denticleless protein homolog; RA-regulated nuclear matrix-associated protein; retinoic acid-regulated nuclear matrix-associated protein; CDT2;

Gene ID

51514

mRNA Refseq

NM_016448

Protein Refseq

NP_057532

MIM

610617

UniProt ID

Q9NZJ0

Chromosome Location

1q32

Function

protein binding; contributes_to ubiquitin-protein ligase activity;

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