

Recombinant Human KLHL12 293 Cell Lysate

Cat. No. KLHL12-4913HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for kelch-like 12 (Drosophila) (KLHL12) 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

KLHL12 kelch-like 12 (Drosophila) [Homo sapiens]

Official Symbol

KLHL12

Synonyms

KLHL12; kelch-like 12 (Drosophila); kelch-like protein 12; C3IP1; kelch-like protein C3IP1; CUL3-interacting protein 1; DKIR; FLJ27152;

Gene ID

59349

mRNA Refseq

NM_021633

Protein Refseq

NP_067646

MIM

614522

UniProt ID

Q53G59

Chromosome Location

1q32.1

Pathway

Canonical Wnt signaling pathway, organism-specific biosystem;

Function

protein binding;

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