

Recombinant Human KLHL13 293 Cell Lysate

Cat. No. KLHL13-4912HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for kelch-like 13 (Drosophila) (KLHL13), transcript variant 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/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

KLHL13 kelch-like 13 (Drosophila) [Homo sapiens]

Official Symbol

KLHL13

Synonyms

KLHL13; kelch-like 13 (Drosophila); BKLHD2, BTB and kelch domain containing 2, KIAA1309 , KIAA1309; kelch-like protein 13; FLJ10262; BTB and kelch domain containing 2; BKLHD2; MGC74791;

Gene ID

90293

mRNA Refseq

NM_001168299

Protein Refseq

NP_001161771

MIM

300655

UniProt ID

Q9P2N7

Chromosome Location

Xq23-q24

Pathway

Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Aurora B signaling, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific

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biosystem;

Function

contributes_to ubiquitin-protein ligase activity;

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