

Recombinant Human EHD4 293 Cell Lysate

Cat. No. EHD4-6688HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for EH-domain containing 4 (EHD4) 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

EHD4 EH-domain containing 4 [Homo sapiens]

Official Symbol

EHD4

Synonyms

EHD4; EH-domain containing 4; PAST4; EH domain-containing protein 4; PAST homolog 4; EH domain containing 4; ortholog of rat pincher; hepatocellular carcinoma-associated protein 10/11; hepatocellular carcinoma-associated protein HCA11;

Gene ID

30844

mRNA Refseq

NM_139265

Protein Refseq

NP_644670

MIM

605892

UniProt ID

Q9H223

Chromosome Location

15q11.1

Pathway

Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Neurotrophic factor-mediated Trk receptor signaling, organism-specific biosystem; Trk receptor signaling mediated by the MAPK pathway, organism-specific biosystem;

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Function

ATP binding; GTP binding; GTPase activity; calcium ion binding; nucleic acid binding; nucleotide binding; protein binding;

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