

Recombinant Human EHD2 293 Cell Lysate

Cat. No. EHD2-6690HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for EH-domain containing 2 (EHD2) 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 EHD2 EH-domain containing 2 [Homo sapiens]

Official Symbol EHD2

Synonyms EHD2; EH-domain containing 2; PAST2; EH domain-containing protein 2; PAST homolog 2; EH domain containing 2; FLJ96617;

Gene ID 30846

mRNA Refseq NM_014601

Protein Refseq NP_055416

MIM 605890

UniProt ID Q9NZN4

Chromosome Location 19q13.3

Pathway Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Insulin Signaling, organism-specific biosystem;

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Function

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

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