

Recombinant Human FHL2 293 Cell Lysate

Cat. No. FHL2-6223HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for four and a half LIM domains 2 (FHL2), transcript variant 2 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

FHL2 four and a half LIM domains 2 [Homo sapiens]

Official Symbol

FHL2

Synonyms

FHL2; four and a half LIM domains 2; four and a half LIM domains protein 2; DRAL; SLIM3; LIM domain protein DRAL; aging-associated gene 11; skeletal muscle LIM-protein 3; four and a half LIM-domain protein 2; down-regulated in rhabdomyosarcoma LIM protein; AAG11; FHL-2; SLIM-3;

Gene ID

2274

mRNA Refseq

NM_201555

Protein Refseq

NP_963849

MIM

602633

UniProt ID

Q14192

Chromosome Location

2q12.2

Pathway

Androgen Receptor Signaling Pathway, organism-specific biosystem; Coregulation of Androgen receptor activity, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Metabolism, organism-

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specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Osteoclast differentiation, organism-specific biosystem; Osteoclast differentiation, conserved biosystem;

Function

androgen receptor binding; identical protein binding; metal ion binding; protein binding; transcription coactivator activity; transcription factor binding; zinc ion binding;

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