

Recombinant Human FHL2 293 Cell Lysate

Cat. No. FHL2-6224HCL Lot. No. (See product label)

SPECIFICATION

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

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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_001450

Protein Refseq NP_001441

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

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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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