

Recombinant Human TWF2 293 Cell Lysate

Cat. No. TWF2-632HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for twinfilin, actin-binding protein, homolog 2 (Drosophila) (TWF2) 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

TWF2 twinfilin, actin-binding protein, homolog 2 (Drosophila) [Homo sapiens]

Official Symbol

TWF2

Synonyms

TWF2; twinfilin, actin-binding protein, homolog 2 (Drosophila); protein tyrosine kinase 9 like (A6 related protein) , PTK9L, PTK9L protein tyrosine kinase 9 like (A6 related protein); twinfilin-2; A6r; A6RP; A6-related protein; twinfilin-1-like protein; protein tyrosine kinase 9-like (A6-related protein); PTK9L protein tyrosine kinase 9-like (A6-related protein); PTK9L; MSTP011; FLJ56277;

Gene ID

11344

mRNA Refseq

NM_007284

Protein Refseq

NP_009215

MIM

607433

UniProt ID

Q6IBS0

**Chromosome
Location**

3p21.1

Pathway

IRS-mediated signalling, organism-specific biosystem; IRS-related events, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune

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System, organism-specific biosystem; Insulin receptor signalling cascade, organism-specific biosystem; MyD88 dependent cascade initiated on endosome, organism-specific biosystem; PI3K Cascade, organism-specific biosystem;

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