

Recombinant Human YWHAZ 293 Cell Lysate

Cat. No. YWHAZ-229HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide (YWHAZ), 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.

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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 YWHAZ tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide [Homo sapiens]

Official Symbol YWHAZ

Synonyms YWHAZ; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide; tyrosine 3 monooxygenase/tryptophan 5 monooxygenase activation protein, delta polypeptide , YWHAD; 14-3-3 protein zeta/delta; 14 3 3 delta; 14 3 3 zeta; KCIP 1; 14-3-3 zeta; 14-3-3 delta; phospholipase A2; protein kinase C inhibitor protein 1; protein kinase C inhibitor protein-1; 14-3-3 protein/cytosolic phospholipase A2; tyrosine 3/tryptophan 5 -monooxygenase activation protein, zeta polypeptide; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, delta polypeptide; YWHAD; KCIP-1; 14-3-3-zeta; MGC111427; MGC126532; MGC138156;

Gene ID 7534

mRNA Refseq NM_001135699

Protein Refseq NP_001129171

MIM 601288

UniProt ID P63104

Chromosome 8q22.3

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Location**Pathway**

Adaptive Immune System, organism-specific biosystem; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, conserved biosystem; Class I PI3K signaling events mediated by Akt, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem;

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