

Recombinant Human WIPI2 293 Cell Lysate

Cat. No. WIPI2-309HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for WD repeat domain, phosphoinositide interacting 2 (WIPI2), 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

WIPI2 WD repeat domain, phosphoinositide interacting 2 [Homo sapiens]

Official Symbol

WIPI2

Synonyms

WIPI2; WD repeat domain, phosphoinositide interacting 2; WD repeat domain phosphoinositide-interacting protein 2; ATG18B; Atg21; CGI 50; DKFZP434J154; DKFZp686P02188; FLJ12979; FLJ14217; FLJ42984; WIPI49-like protein 2; WD40 repeat protein interacting with phosphoinositides 2; CGI-50; WIPI-2; DKFZp434J154;

Gene ID

26100

mRNA Refseq

NM_001033518

Protein Refseq

NP_001028690

MIM

609225

UniProt ID

Q9Y4P8

**Chromosome
Location**

7p22.1

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