

Recombinant Human NUFIP2 293 Cell Lysate

Cat. No. NUFIP2-3637HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for nuclear fragile X mental retardation protein interacting protein 2 (NUFIP2) 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

NUFIP2 nuclear fragile X mental retardation protein interacting protein 2 [Homo sapiens]

Official Symbol

NUFIP2

Synonyms

NUFIP2; nuclear fragile X mental retardation protein interacting protein 2; nuclear fragile X mental retardation-interacting protein 2; 82 FIP; 182 FIP; FIP 82; KIAA1321; MGC117262; PIG1; FMRP-interacting protein 2; proliferation-inducing gene 1; 82-kD FMRP Interacting Protein; 82 kDa FMRP-interacting protein; Fragile X Mental Retardation Protein; cell proliferation-inducing gene 1 protein; 82-FIP; FIP-82; 182-FIP; FLJ10976;

Gene ID

57532

mRNA Refseq

NM_020772

Protein Refseq

NP_065823

MIM

609356

UniProt ID

Q7Z417

Chromosome Location

17q11.1

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Function

RNA binding; protein binding;

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