

Recombinant Human PRUNE2 293 Cell Lysate

Cat. No. PRUNE2-2795HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for prune homolog 2 (Drosophila) (PRUNE2), transcript variant 2 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

PRUNE2 prune homolog 2 (Drosophila) [Homo sapiens]

Official Symbol

PRUNE2

Synonyms

PRUNE2; prune homolog 2 (Drosophila); C9orf65, chromosome 9 open reading frame 65 , KIAA0367; protein prune homolog 2; A214N16.3; bA214N16.3; BMCC1; BNIPXL; truncated PRUNE2; BNIP2 motif-containing molecule at the C-terminal region 1; BCH motif-containing molecule at the carboxyl terminal region 1; BNIP2 motif containing molecule at the carboxyl terminal region 1; C9orf65; KIAA0367; RP11-58J3.2; FLJ50060; FLJ54876; FLJ59118; DKFZp762K117;

Gene ID

158471

mRNA Refseq

NM_015225

Protein Refseq

NP_056040

MIM

610691

UniProt ID

Q8WUY3

Chromosome Location

9q21.32

Function

metal ion binding; pyrophosphatase activity;

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