

Recombinant Human PPP1R15A protein, MYC/DDK-tagged

Cat. No. PPP1R15A-2943H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPP1R15A, fused with MYC/DDK tag at C-terminal, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The induction of this gene by ionizing radiation occurs in certain cell lines regardless of p53 status, and its protein response is correlated with apoptosis following ionizing radiation.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	73.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	PPP1R15A protein phosphatase 1, regulatory subunit 15A [Homo sapiens]
Official Symbol	PPP1R15A
Synonyms	PPP1R15A; protein phosphatase 1, regulatory subunit 15A; protein phosphatase 1, regulatory (inhibitor) subunit 15A; protein phosphatase 1 regulatory subunit 15A; GADD34; growth arrest and DNA damage inducible 34; growth arrest and DNA-damage-inducible 34; growth arrest and DNA damage-inducible protein GADD34; myeloid differentiation primary response protein MyD116 homolog;
Gene ID	23645
mRNA Refseq	NM_014330
Protein Refseq	NP_055145
MIM	611048
UniProt ID	O75807
Chromosome Location	19q13.2
Pathway	BMP receptor signaling, organism-specific biosystem; Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem; TGF-beta receptor signaling, organism-specific biosystem;
Function	protein binding;