

Recombinant Human PPP1R15A protein, His-tagged

Cat. No. PPP1R15A-4491H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPP1R15A protein(O75807)(40-674aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	40-674aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	73.2 kDa
AA Sequence	SDEEEGEVKALGAAEKDGEAECPPCIPPPSAFLKAWVYWPGEDTEEEEDDEEDED SDSGSDEEEGEAEASSSTPATGVFLKSWVYQPGEDTEEEEDSDTGSAEDEREA ETSASTPPASAFKAWVYRPGEDTEEEEDDVSDEKEDDSEAALGEAESDPHPHSH PDQRAHFRGWGYRPGKETEEEEAAEDWGEAEPFVRVAIYVPGKPPPPWAPPRL PLRLQRRLLKRPETPTHDPDPETPLKARKVRFSEKVTVHFLAVWAG
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

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](#)

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