

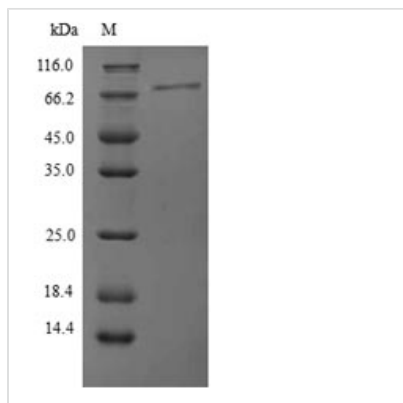


Recombinant Human Protein phosphatase 1 regulatory subunit 15A (PPP1R15A), partial

Product Code	CSB-YP018528HU
Relevance	Recruits the serine/threonine-protein phosphatase PP1 to dephosphorylate the translation initiation factor eIF-2A/EIF2S1, thereby reversing the shut-off of protein synthesis initiated by stress-inducible kinases and facilitating recovery of cells from stress. Down-regulates the TGF-beta signaling pathway by promoting dephosphorylation of TGFB1 by PP1. May promote apoptosis by inducing TP53 phosphorylation on 'Ser-15'.
Abbreviation	Recombinant Human PPP1R15A protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O75807
Alias	Growth arrest and DNA damage-inducible protein GADD34 Myeloid differentiation primary response protein MyD116 homolog
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	<p> GPLEPWLVEAVKGAALVEAGLEGEARTPLAIPHTPWGRRPEEEAEDSGGPGE DRETLGLKTSSSLPEAWGLLDDDDGMYGEREATSVPRGQGSQFADGQRAPL SPSLLIRTLQGSDKNPGEEKAE EEGVAEEEGVNKFSYPPSHRECCPAVEEED DEEAVKKEAHRSTSTALS PGSKPSTWVSCPGEENQATEDKRTERSKGARKT SVSPRSSGSDPRSWEYRSGEASEEKEEKAKHKETGKGAAAPGPQSSAPAQRP QLKSWWCQPSDEEEGEVKALGAAEKDGEAECPPCIPPPSAFLKAWVYWPGE DTEEEDEEEDESDSGSDEEEGEAEASSSTPATGVFLKSWVYQPGEDTEEE EDESDTGSAEDEREAETSASTPPASAFLKAWVYRPGEDTEEEDEDEDVDS EDKEDDSEAALGEAESDPHPSHPDQRAHFRGWGYRPGKETEEEEAAEDWGEA EPCPFRVAIYVPGEKPPPWAPPRLPLRLQRRLKRPETPTHDPDPETPLKARK VRFSEKVTVHFLAVWAGPAQAARQGPWEQLARDRSRFARRITQAQEELSPCL TPAARARAWARLRNPPLAPIPALTQTL PSSSPVSPVQTTPLSQAVATPSRSS AAAAAALDLSGRRG </p>
Research Area	Epigenetics and Nuclear Signaling
Source	Yeast
Target Names	PPP1R15A
Protein Names	Recommended name: Protein phosphatase 1 regulatory subunit 15A Alternative name(s): Growth arrest and DNA damage-inducible protein GADD34 Myeloid differentiation primary response protein MyD116 homolog



Expression Region	40-674aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	71.1kDa
Protein Length	Partial

Image

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please 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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.