



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

<b>Product Code</b>	CSB-EP018528HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O75807
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>                     GPLEPWLVEAVKGAALVEAGLEGEARTPLAIPHTPWGRRPEEEAEDSGGPGE                      DRETLGLK                      TSSSLPEAWGLLDDDDGMYGEREATSVPRGQGSQFADGQRAPLSPSLLIRTL                      QGSDKNPG                      EEKAEEEGVAAEEEGVNKFSYPPSHRECCPAVEEEDDEEAVKKEAHRSTSTAL                      SPGSKPST                      WVSCPGEENQATEDKRTERSKEGARKTSVSPRSSGSDPRSWEYRSGEASEE                      KEEKAHKET                      GKGEAAPGPQSSAPAQRPLKSWWCQPSDEEEGEVKALGAAEKDGEAEC                      PCIPPPSAFL                      KAWVYWPGEDTEEEEDDEEDEDSDSGSDEEEGEAEASSSTPATGVFLKSW                      YQPGEDTEE                      EEDESDTGSAEDEREAETSASTPPASAFKAWVYRPGEDTEEEEDDSE                      DKEDDSEA                      ALGEAESDPHPSHPDQRAHFRGWGYRPGKETEEEEAAEDWGEAEP                      CPFRVA                      IYVPGEKPP                      PPWAPPRLPLRLQRRLKRPETPTHDPDPETPLKARKVRFSEKVTVHFLAW                      WA                      GPAQAARQ                      GPWEQLARDRSRFARRITQAQEELSPCLTPAARARAWARLRNPPLAIPAL                      TQ                      TLPSSSV PSSPVQTTPLSQAVATPSRSSAAAAAALDLSGRRG                 </p>
<b>Source</b>	E.coli
<b>Target Names</b>	PPP1R15A
<b>Protein Names</b>	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
<b>Expression Region</b>	40-674
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Partial
<b>Target Details</b>	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.

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**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.

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**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.