



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

Product Code	CSB-EP018528HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75807
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p> GPLEPWLVEAVKGAALVEAGLEGEARTPLAIPHTPWGRRPEEEAEDSGGPGE DRETLGLK TSSSLPEAWGLLDDDDGMYGEREATSVPRGQGSQFADGQRAPLSPSLLIRTL QGSDKNPG EEKAEIEGVAAIEEGVNFYSYPPSHRECCPAVEEEDDEEAVKKEAHRSTSTAL SPGSKPST WVSCPGEENQATEDKRTERSKGARKTSVSPRSSGSDPRSWEYRSGEASEE KEEKAHKET GKGEAAPGPQSSAPAQRPLKSWWCQPSDEEEGEVKALGAAEKDGEAECF PCIPPPSAFL KAWVYWPGEDTEEEEDDEEDEDSDSGSDEEEGEAEASSSTPATGVFLKSWV YQPGEDTEE EEDESDTGSAAEDEREAETSASTPPASAFKAWVYRPGEDTEEEEDDSE DKEDDSEA ALGEAESDPHSPHDQRAHFRGWGYRPGKETEEEEAAEDWGEAEPFPRVA IYVPGEKPP PPWAPPRLPLRLQRRLKRPETPTHDPDPETPLKARKVRFSEKVTVHFLAVWA GPAQAARQ GPWEQLARDRSRFARRITQAQEELSPCLTPAARARAWARLRNPPLAIPALTQ TLPSSSV PSSPVQTTPLSQAVATPSRSSAAAAAALDLSGRRG </p>
Source	E.coli
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	40-674
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Partial
Target Details	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.

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.