



Recombinant Human Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PPP2R1A)

Product Code	CSB-EP018562HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P30153
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	AAADGDDSL YPIAVLIDEL RNEDVQLRLN SIKKLTIAL ALGVERTRSE LLPFLTDTIY DEDEVLLALA EQLGTFTTLV GGPEYVHCLL PPLESLATVE ETVVRDKAVE SLRAISHEHS PSDLEAHFVP LVKRLAGGDW FTSRTSACGL FSVCYPRVSS AVKAELRQYF RNLCSDDTPM VRRAAASKLG EFAKVLELDN VKSEIIPMFS NLASDEQDSV RLLAVEACVN IAQLLPQEDL EALVMPTLRQ AAEDKSWRVR YMVADKFTL QKAVGPEITK TDLVPAFQNL MKDCEAEVRA AASHKVKEFC ENLSADCREN VIMSQILPCI KELVSDANQH VKSALASVIM GLSPILGKDN TIEHLLPLFL AQLKDECPEV RLNIISNLDC VNEVIGIRQL SQSLLPAIVE LAEDAKWRVR LAIEYMPLL AGQLGVEFFD EKLNSLCMAW LVDHVYAIRE AATSNLKKLV EKFGKEWAHA TIIPKVLAMS GDPNYLHRMT TLFCINVLSE VCGQDITTKH MLPTVLRMAG DPVANVRFNV AKSLQKIGPI LDNSTLQSEV KPILEKLTQD QDVDVKYFAQ EALTVLSLA
Source	E.coli
Target Names	PPP2R1A
Protein Names	Recommended name: Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform Alternative name(s): Medium tumor antigen-associated 61 kDa protein PP2A subunit A isoform PR65-alpha PP2A subunit A isoform R1-alpha
Expression Region	2-589
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	Full Length of Mature Protein
Target Details	This gene encodes a constant regulatory subunit of protein phosphatase 2. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The constant regulatory subunit A serves as a scaffolding molecule to



coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. This gene encodes an alpha isoform of the constant regulatory subunit A.

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.