Recombinant Human Serine/threonine-protein phosphatase 2A activator (PTPA)

Product Code	CSB-MP620876HU
Abbreviation	PPP2R4
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.	Q15257
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	AEGERQPPP DSSEEAPPAT QNFIIPKKEI HTVPDMGKWK RSQAYADYIG FILTLNEGVK GKKLTFEYRV SEMWNEVHEE KEQAAKQSVS CDECIPLPRA GHCAPSEAIE KLVALLNTLD RWIDETPPVD QPSRFGNKAY RTWYAKLDEE AENLVATVVP THLAAAVPEV AVYLKESVGN STRIDYGTGH EAAFAAFLCC LCKIGVLRVD DQIAIVFKVF NRYLEVMRKL QKTYRMEPAG SQGVWGLDDF QFLPFIWGSS QLIDHPYLEP RHFVDEKAVN ENHKDYMFLE CILFITEMKT GPFAEHSNQL WNISAVPSWS KVNQGLIRMY KAECLEKFPV IQHFKFGSLL PIHPVTSG
Source	Mammalian cell
Target Names	PTPA
Protein Names	Recommended name: Serine/threonine-protein phosphatase 2A activator EC= 5.2.1.8Alternative name(s): PP2A, subunit B', PR53 isoform Phosphotyrosyl phosphatase activator Short name= PTPA Serine/threonine-protein phosphatase 2A
Expression Region	2-358
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	Protein phosphatase 2A is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2A holoenzymes are heterotrimeric proteins composed of a structural subunit A, a catalytic subunit C, and a regulatory subunit B. The regulatory subunit is encoded by a diverse set of genes that have been grouped into the B/PR55, B /PR61, and B /PR72 families. These different regulatory subunits confer distinct enzymatic specificities and intracellular localizations to the holozenzyme. The product of this gene belongs to the B family. This gene

	encodes a specific phosphotyrosyl phosphatase activator of the dimeric form of protein phosphatase 2A. Alternative splicing results in multiple transcript variants encoding different isoforms.
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.