



Recombinant Human High affinity 3',5'-cyclic-AMP phosphodiesterase 7A (PDE7A)

Product Code	CSB-MP618810HU
Abbreviation	PDE7A
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.	Q13946
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEVCYQLPVLPLDRPVPQHVLSTRRGAISSFSSSSALFGCPNPRQLSQRRGAISY DSSDQTA LYIRMLGDVRVRSRAGFESERRGSHPYIDFRIFHSQSEIEVSVSARNIRLLSF QRYLRS SRFFRGTAVSNSLNILDDDYNGQAKCMLEKVGWNWFDIFLFDRLTNGNSLVSL TFHLFSL HGLIEYFHLDMMKLRRLVMIQEDYHSQNPYHNAVHAADVTQAMHCYLKEPK LANSVTPW DILLSLIAAATHDLDPGVNQPFLIKTNHYLATLYKNTSVLENHHWRSVAVGLLRE SGLFS HLPLESRQQMETQIGALILATDISRQNEYLSLFRSHLDRGDLCLDTRHRHLVL QMALKC ADICNPCRTWELSKQWSEKVTEEFFHQGDIEKKYHLGVSPLCDRHTESIANIQI GFMTYL VEPLFTEWARFSNTRLSQTMLGHVGLNKASWKGLQREQSSSEDDAAFELNS QLLPQENRLS
Source	Mammalian cell
Target Names	PDE7A
Protein Names	Recommended name: High affinity cAMP-specific 3',5'-cyclic phosphodiesterase 7A EC= 3.1.4.17 Alternative name(s): HCP1 TM22
Expression Region	1-456
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 Isoform PDE7A2

**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

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