



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

<b>Product Code</b>	CSB-BP618810HU
<b>Abbreviation</b>	PDE7A
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q13946
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEVCYQLPVLPLDRPVPQHVLSTRRGAISSFSSSSALFGCPNPRQLSQRRGAISY DSSDQTA LYIRMLGDVVRVSRAGFESERRGSHPYIDFRIFHSQSEIEVSVSARNIRLLSF QRYLRS SRFFRGTAVSNSLNILDDDYNGQAKCMLEKVGWNWFDIFLFDRLTNGNSLVSL TFHLFSL HGLIEYFHLDMMKLRRLVMIQEDYHSQNPYHNAVHAADVTDQAMHCYLKEPK LANSVTPW DILLSLIAAATHDLDPGVNQPFLIKTNHYLATLYKNTSVLENHHWRSVAVGLLRE SGLFS HLPLESRQQMETQIGALILATDISRQNEYLSLFRSHLDRGDLCLDTRHRHLVL QMALKC ADICNPCRTWELSKQWSEKVTEEFFHQGDIEKKYHLGVSPLCDRHTESIANIQI GFMTYL VEPLFTEWARFSNTRLSQTMLGHVGLNKASWKGLQREQSSSEDDAAFELNS QLLPQENRLS
<b>Source</b>	Baculovirus
<b>Target Names</b>	PDE7A
<b>Protein Names</b>	Recommended name: High affinity cAMP-specific 3',5'-cyclic phosphodiesterase 7A EC= 3.1.4.17 Alternative name(s): HCP1 TM22
<b>Expression Region</b>	1-456
<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>	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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