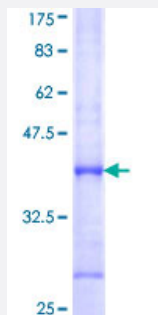


PDE7A (Human) Recombinant Protein (Q01)

Catalog # H00005150-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human PDE7A partial ORF (NP_002594, 18 a.a. - 117 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TSKRRGAISYDSSDQTALYIRMLGDVRVRSRAGFESERRGSHPYIDFRIFHSQSEIEVSVSARNIRRLLSFQRYLRSSRFFRGTAVSNSLNILDDDYNQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (89); Rat (91)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PDE7A

Entrez GeneID	5150
GeneBank Accession#	NM_002603
Protein Accession#	NP_002594
Gene Name	PDE7A
Gene Alias	HCP1, PDE7
Gene Description	phosphodiesterase 7A
Omim ID	171885
Gene Ontology	Hyperlink
Other Designations	phosphodiesterase isozyme 7

Pathway

- [Purine metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Tobacco Use Disorder](#)