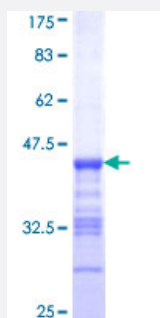


PDE3B (Human) Recombinant Protein (Q01)

Catalog # H00005140-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PDE3B partial ORF (NP_000913, 401 a.a. - 500 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LTPFPGFYPCSEIEDPAEKGDRKLNKGLNRNSLPTQLRRSSGTSGLLPVEQSSRWDRNNGKRP HQEFGISSQGCYLNPFNSNLLTPKQRSSSVSLTH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (75)
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 — PDE3B

Entrez GeneID	5140
GeneBank Accession#	NM_000922
Protein Accession#	NP_000913
Gene Name	PDE3B
Gene Alias	HcGIP1, cGIPDE1
Gene Description	phosphodiesterase 3B, cGMP-inhibited
Omim ID	602047
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	cyclic nucleotide phosphodiesterase

Pathway

- [Insulin signaling pathway](#)
- [Purine metabolism](#)

Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Insulin Resistance](#)