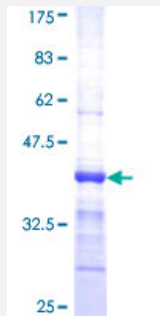


PDE2A (Human) Recombinant Protein (Q01)

Catalog # H00005138-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PDE2A partial ORF (NP_002590, 850 a.a. - 940 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	REKAYIPELQISFMEHIAMPIYKLLQDLFPKAAELYERVASNREHWTKVSHKFTIRGLPSNNSLDFLD EEYEVPDLDGTRAPINGCCSLDA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.75
Interspecies Antigen Sequence	Mouse (97); Rat (96)
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 — PDE2A

Entrez GeneID	5138
GeneBank Accession#	NM_002599
Protein Accession#	NP_002590
Gene Name	PDE2A
Gene Alias	PDE2A1, PED2A4
Gene Description	phosphodiesterase 2A, cGMP-stimulated
Omim ID	602658
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	cGMP-stimulated phosphodiesterase 1 cGMP-stimulated phosphodiesterase 4

Pathway

- [Purine metabolism](#)

Disease

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

- [Edema](#)