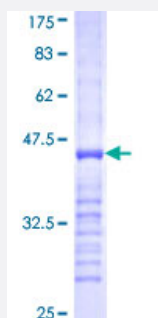


PDE1B (Human) Recombinant Protein (Q01)

Catalog # H00005153-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human PDE1B partial ORF (AAH32226, 437 a.a. - 536 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TDVAEKSVQPLADED SKSKNQPSFQWRQPSLDVEVGDPNPDVVSFRSTWVKRIQENKQKWKE RAASGITNQMSIDELSPCEEEAPPSPAEDHNQNGNLD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (92); Rat (93)
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 — PDE1B

Entrez GeneID	5153
GeneBank Accession#	BC032226
Protein Accession#	AAH32226
Gene Name	PDE1B
Gene Alias	PDE1B1, PDES1B
Gene Description	phosphodiesterase 1B, calmodulin-dependent
Omim ID	171891
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	Phosphodiesterase-1B calcium/calmodulin-stimulated cyclic nucleotide phosphodiesterase calmodulin-stimulated phosphodiesterase PDE1B1 phosphodiesterase 1B, calmodulin-dependent presumed 63kDa form of the type 1 cyclic nucleotide phosphodiesterase family k

Pathway

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

Disease

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