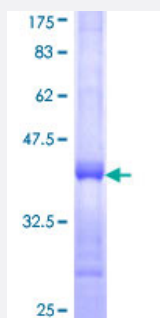


PRPS2 (Human) Recombinant Protein (Q01)

Catalog # H00005634-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PRPS2 partial ORF (NP_002756, 160 a.a. - 269 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AEWKNCIIVSPDAGGAKRVTSIADRLNVEFALIHKKERKKANEVDRMVLVGDVKDRVAILVDDMAD TCGTICHAADKLLSAGATKVYAILTHGIFSGPAISRINNAAFEAV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (98); Rat (99)
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 — PRPS2

Entrez GeneID	5634
GeneBank Accession#	NM_002765
Protein Accession#	NP_002756
Gene Name	PRPS2
Gene Alias	PRSII
Gene Description	phosphoribosyl pyrophosphate synthetase 2
Omim ID	311860
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000022921 PPRibP synthetase PRS II

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of plant hormones](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)
- [Purine metabolism](#)