

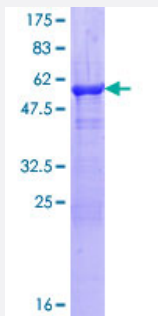
Full-Length

PRPS2 (Human) Recombinant Protein (P01)

Catalog # H00005634-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human PRPS2 full-length ORF (NP_002756.1, 1 a.a. - 318 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPNVLFSGSSHQDLSQRVADRLGLELGKVVTKKFSNQETSVEIGESVRGEDVYIQSGCGEINDN
LMELLIMINACKIASSSRVTAVIPCFPYARQDKKDKSRAPISAKLVANMLS VAGADHIITMDLHASQI
QGFFDIPVDNLYAEP AVLQWIRENIAEWKNCIIVSPDAGGAKRVTSIADRLNVEFALIHKKERKKANE
VDRMVLVG DVKDRVAILVDDMADTCGTICHAADKLLSAGATKVYAILTHGIFSGPAISRINNAFEA
VVVTNTIPQEDKMKHCTKIQVIDISMILAEAIRRTHNGESVSYLF SHVPL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.2

Interspecies Antigen Sequence

Mouse (99); 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_002765.3](#)**Protein Accession#**[NP_002756.1](#)**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](#)