

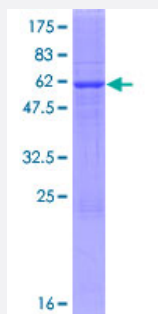
Full-Length

PYCR2 (Human) Recombinant Protein (P01)

Catalog # H00029920-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PYCR2 full-length ORF (NP_037460.2, 1 a.a. - 320 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSVGFIGAGQLAYALARGFTAAGILSAHKIIASSPEMNLPTVSALRKMGVNLTRSNETVKHSDVLF
LAVKPHIIPFILDEIGADVQARHIMVSCAAGVTISSVEKKLMAFQPAPKVIRCMNTNPVVVQEGATVY
ATGTHALVEDGQLLEQLMSSVGFCTEVEEDLIDAVTGLSGSGPAYAFMALDALADGGVKMGLPR
RLAIQLGAQALLGAAKMLLDSEQHPCQLKDNVCSPGGATIHAFLESGGFRSLINAVEASCIRT
RELQSMADQEKISPAALKKTLLDRVKLESPTVSTLTPSSPGKLLTRSLALGGKKD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

60

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 — PYCR2

Entrez GeneID [29920](#)

GeneBank Accession# [NM_013328.2](#)

Protein Accession# [NP_037460.2](#)

Gene Name PYCR2

Gene Alias P5CR2

Gene Description pyrroline-5-carboxylate reductase family, member 2

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations OTTHUMP00000035614|pyrroline 5-carboxylate reductase isoform

Pathway

- [Arginine and proline metabolism](#)
- [Metabolic pathways](#)