

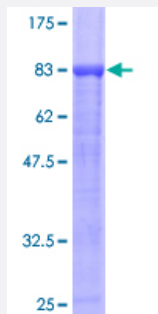
Full-Length

PPP2R5A (Human) Recombinant Protein (P01)

Catalog # H00005525-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PPP2R5A full-length ORF (AAH22474, 1 a.a. - 486 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSSSSPPAGAASAAISASEKVDGFTRKSVRKAQRQKRSQGSSQFRSQGSQAELHPLPQLKDAT
SNEQQELFCQKLQCCILDFMDSVSDLKSKEIKRATLNELVEYVSTNRGVVESAYS DIVKMISAN
IFRTLPPSDNPDFDPEEDEPTLEASWPHIQLVYEFLRFLESPDFRPSIAKRYIDQKFVQQLELFD
SEDPREDFLKTVLHRYGKFLGLRAFIRKQINNIFLRFIYETEHFNGVAELLEILGSIINGFALPLKAEH
KQFLMKVLIPMHTAKGLALFHAQLAYCVVQFLEKDTTLTEPVIRGLLKFWPKTCSQKEVMFLGEIE
EILDVIEPTQFKKIEEPLFKQISKCVSSSHFQVAERALYFWNNEYILSLIEENINKILPIMFASLYKISKE
HWNPTVALVYNVLKTLMEMNGKLFDDL TSSYKAERQREKKELEREELWKKLEELKLKKALEKQ
NSAYNMHSILSNTSAE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79.2

Interspecies Antigen Sequence

Mouse (97); Rat (98)

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 — PPP2R5A

Entrez GeneID	5525
GeneBank Accession#	BC022474
Protein Accession#	AAH22474
Gene Name	PPP2R5A
Gene Alias	B56A, MGC131915, PR61A
Gene Description	protein phosphatase 2, regulatory subunit B', alpha isoform
Omim ID	601643
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes an alpha isoform of the regulatory subunit B56 subfamily. [provided by RefSeq]
Other Designations	OTTHUMP00000034891 PP2A, B subunit, B' alpha isoform PP2A, B subunit, B56 alpha isoform PP2A, B subunit, PR61 alpha isoform PP2A, B subunit, R5 alpha isoform protein phosphatase 2, regulatory subunit B (B56), alpha isoform serine/threonine protein phosphatase

Pathway

- [Wnt signaling pathway](#)