

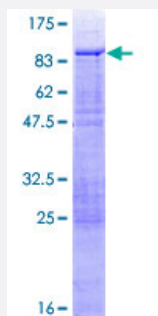
Full-Length

PHACTR3 (Human) Recombinant Protein (P01)

Catalog # H00116154-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PHACTR3 full-length ORF (NP_899069.1, 1 a.a. - 448 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDQTPPARPEYLVSGIRTPPVRRNSKLATLGRIFKPWKWRKKKNEKLKQTTSALEKKMAGRQGR
EELIKKGLLEMMEQDAESKTCNPDGGPRSVQSEPTPKSETLTSEDAQPGSPLATGTDQVSLDK
PLSSAAHLDDAGQATLFQASSMKSADPSLRGQLSTPTGSPHLTTVHRPLPPSRVIEELHRALATK
HRQDSFQGRESKGSPKKRLDVRLSRTSSVERGKEREEAWSFDGALENKRTAAKESEENKENLII
NSELKDDLLLYQDEEALNDSIISGTLPRKCKKELLAVKLRNRP SKQELEDNIFPRRTDEERQEIRQ
QIEMKLSKRLSQRP AVEELERRNILKQRNDQTEQEERREIKQRLTRKLNQRPTVDELDRDKILIRFS
DYVEVAKAQDYDRRADKPWTRL SAADKAAIRKELNEYKS NEMEVHASSKHLTRFHRP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

77.9

Interspecies Antigen Sequence

Mouse (75); Rat (76)

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 — PHACTR3

Entrez GeneID	116154
GeneBank Accession#	NM_183246.1
Protein Accession#	NP_899069.1
Gene Name	PHACTR3
Gene Alias	C20orf101, H17739, MGC117178, SCAPIN1, SCAPININ
Gene Description	phosphatase and actin regulator 3
Omim ID	608725
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is associated with the nuclear scaffold in proliferating cells. It was found to bind to the catalytic subunit of protein phosphatase-1 (PP1) and inhibit PP1 activity, suggesting that this protein may function as a regulatory subunit of PP1. Alternative splicing at this locus results in several transcript variants encoding different isoforms. [provided by RefSeq]
Other Designations	OTTHUMP00000031424 OTTHUMP00000174466 OTTHUMP00000174467 phosphatase and actin regulator 3, isoform 1 scaffold-associated PP1 inhibiting protein

Disease

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- [Diabetes Mellitus](#)
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