

Full-Length

PHACTR1 (Human) Recombinant Protein (P01)

Catalog # H00221692-P01

Size 25 ug, 10 ug

Applications

Specification

Product Description

Human PHACTR1 full-length ORF (NP_112210.1, 1 a.a. - 580 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDYPKMDYFLDVESAHRLLDVESAQRFFYSQGAQARRATLLLPTLMAASSEDDIDRRPIRRVRS
KSDTPYLAEARISFNLGAAEEVERLAAMRSDSLVPGTHTPPIRRRSKFANLGRIFKPWKWRKKKS
EKFKHTSAALERKISMRSREELIKRGVLKEIYDKDGELSSNEEDSLENGQSLSSSQLSLPALSE
MEPVPMPRPDPCSYEVLQPSDIMDGPDPGAPVKLPCLPVKLSPLPPKKVMICMPVGGPDLSLV
SYTAQKSGQQGVAQHHTVLPSTQIQHQLQYGSQGHLPTTGSPLMHPSGCRMIDELNKTAMT
MQRLESSEQRVPCSTSYHSSGLHSGDGVTKAGPMGLPEIRQVPTTVIECDDNKENVPHESDYED
SSCLYTREEEEEDEDDSSLYTSSLAMKVCRKDSLAKLSNRPSKRELEEKNILPRQTDEERL
ELRQQIGTKLTRLSQRPTAEELQRNLIKPRNEQEEQEEKREIKRRLTRKLSQRPTVEELRERKILI
RFSDYVEVADAQDYDRRADKPWTRLTAADKAAIRKELNEFKSTEMEVHELRSRHLTRFHRP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

92.7

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 — PHACTR1

Entrez GeneID[221692](#)**GeneBank Accession#**[NM_030948.1](#)**Protein Accession#**[NP_112210.1](#)**Gene Name**

PHACTR1

Gene Alias

KIAA1733, MGC126575, MGC126577, RPEL, RPEL1, dJ257A7.2

Gene Description

phosphatase and actin regulator 1

Omim ID[608723](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

RPEL repeat containing 1

Disease

- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)

- [Myocardial Infarction](#)
- [Tobacco Use Disorder](#)