

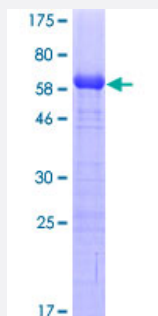
Full-Length

PTK9 (Human) Recombinant Protein (P01)

Catalog # H00005756-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PTK9 full-length ORF (NP_002813.2, 1 a.a. - 384 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTRRGRRRSSHFLGPPAGAAGCTQRRSRELAAMSHQTGIQASEDVKEIFARARNGKYRLLKISI
ENEQLVIGSYSQPSDSWDKDYDSFVLPLEDKQPCYILFRLDSQNAQGYEWIFIAWSPDHSVRQ
KMLYAAATRALKKKEFGGGHIKDEVFGTVKEDVSLHGYKKYLLSQSSPAPLTAAEEELRQIKINEVQ
TDVGVDTKHQTLQGVAFPISREAFQALEKLNNRQLNYVQLEIDIKNEIIILANTTNTELKDLPKRIPKD
SARYHFFLYKHSHEGDYLESVFYSMPGYTCSIRERMLYSSCKSRLLLEVERQLQMDVIRKIEIDNGD
ELTADFLYEEVHPKQHAHKQSFAKPKGPAGKRGIRRLIRGPAETEAATD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

70.3

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 — TWF1

Entrez GeneID [5756](#)

GeneBank Accession# [NM_002822.3](#)

Protein Accession# [NP_002813.2](#)

Gene Name TWF1

Gene Alias A6, MGC23788, MGC41876, PTK9

Gene Description twinfilin, actin-binding protein, homolog 1 (Drosophila)

Omim ID [610932](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes twinfilin, an actin monomer-binding protein conserved from yeast to mammals . Studies of the mouse counterpart suggest that this protein may be an actin monomer-binding protein, and its localization to cortical G-actin-rich structures may be regulated by the small GTPase RAC1. [provided by RefSeq]

Other Designations A6 protein tyrosine kinase|PTK9 protein tyrosine kinase 9|protein tyrosine kinase 9|twinfilin 1

Disease

- [Birth Weight](#)
- [Genetic Predisposition to Disease](#)

- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)