

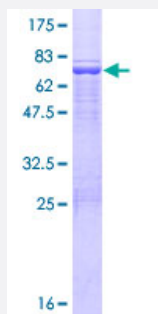
Full-Length

RTCD1 (Human) Recombinant Protein (P01)

Catalog # H00008634-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RTCD1 full-length ORF (NP_003720.1, 1 a.a. - 366 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAGPRVEVDGSIMEGGGQILRVSTALSCLLGLPLRVQKIRAGRSTPGLRPQHLSGLEMIRDLCDG
QLEGAEIGSTEITFTPEKIKGGIHTADTKTAGSVCLLMQVSMPCVLFASPSELHLKGGTNAEMAP
QIDYTMVFKPVEKFGFIFNCDIKTRGYYPKGGGEVVRMSPVKQLNPINLTERGCVTKYGRAFVA
GVLFPKVAKDMAAAAVRCIRKEIRDLVYNIQPVQEPKDQAFGNGNGIIIAETSTGCLFAGSSLGKR
GVNADKVGIEAAEMLLANLRHGGTVDEYLQDQLVMFALANGVSRIKTGPVTLHTQTAIHFAEQIAK
AKFIVKKSEDEEDAADKDTYIECQGIGMTNPNL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65.7

Interspecies Antigen Sequence

Mouse (91); Rat (91)

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 — RTCD1

Entrez GeneID[8634](#)**GeneBank Accession#**[NM_003729.1](#)**Protein Accession#**[NP_003720.1](#)**Gene Name**

RTCD1

Gene Alias

RPC

Gene Description

RNA terminal phosphate cyclase domain 1

Omim ID[611286](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

RNA 3-prime-terminal phosphate cyclase (RPC; EC 6.5.1.4) catalyzes the ATP-dependent conversion of a 3-prime phosphate to a 2-prime,3-prime-cyclic phosphodiester at the end of RNA (Genschik et al., 1997 [PubMed 9184239]).[supplied by OMIM]

Other Designations

OTTHUMP00000012593|RNA 3'-terminal phosphate cyclase|RTC domain containing 1|phosphate cyclase