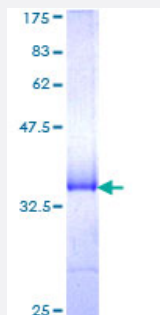


MARCH5 (Human) Recombinant Protein (Q01)

Catalog # H00054708-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MARCH5 partial ORF (NP_060294, 1 a.a. - 95 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPDQALQQMLDRSCWVCFATDEDDRTAEWVRPCRCRGSTKVVHQACLQRWVDEKQRGNST ARVACPQCNAEYLVFPKLGPPVYVLDLADRLISK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.19
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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 — MARCH5

Entrez GeneID [54708](#)

GeneBank Accession# [NM_017824](#)

Protein Accession# [NP_060294](#)

Gene Name MARCH5

Gene Alias FLJ20445, MARCH-V, MITOL, RNF153

Gene Description membrane-associated ring finger (C3HC4) 5

Omim ID [610637](#)

Gene Ontology [Hyperlink](#)

Gene Summary MARCH5 is a ubiquitin ligase of the mitochondrial outer membrane that plays a role in the control of mitochondrial morphology by regulating mitofusin-2 (MFN2; MIM 608507) and DRP1 (DNM1L; MIM 603850) (Nakamura et al., 2006 [PubMed 16936636]).[supplied by OMIM]

Other Designations OTTHUMP00000020096|membrane-associated RING-CH protein V|mitochondrial ubiquitin ligase|ring finger protein 153