

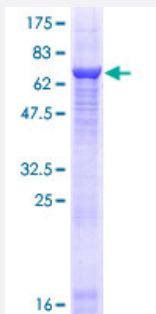
Full-Length

## MYO5C (Human) Recombinant Protein (P01)

Catalog # H00055930-P01

Size 25 ug, 10 ug

### Applications



### Specification

#### Product Description

Human MYO5C full-length ORF ( AAH64841.1, 1 a.a. - 430 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

MAVAELYTQYNRVWIPDPEEVWKS AEIAKDYRVGDKVLRLLLEDGTELDYSVNPESLPPLRNPDIL  
VGENDLTALSYLHEPAVLHNLRI RFAESKLIYTS GILVAMNPYKQLPIYGDAI I HAYSGQNMGDMDP  
HIFAVAE EAYKQMARNNRNQSI VSGESGAGKTVSARYAMRYFATVSKSGSNAHVEDKVLASNPIT  
EAVGNAKTTRNDNSSRFGKYTEISFDEQNQIIGANMSTYLLEKSRVVFQSENERNYHIFYQLCASAQ  
QSEFKHLKLGSAAEFNYTRMG GNTVIEGVNDRAEMVETQKTFTLLGFKEDFQMDVFKILAAILHLG  
NVQITAVGNERSSVSEDDSHLKVFC ELLGLESGRVAQWLCNRKIVTSSETTVVKPMTRPQAVNAR  
DALAKKIYAH LDFIVERINQALQFSVLKPLM

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

74.8

#### Interspecies Antigen Sequence

Mouse (95); Rat (94)

#### 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.

|                            |                                                                          |
|----------------------------|--------------------------------------------------------------------------|
| <b>Storage Buffer</b>      | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| <b>Storage Instruction</b> | Store at -80°C. Aliquot to avoid repeated freezing and thawing.          |
| <b>Note</b>                | 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 — MYO5C

|                            |                            |
|----------------------------|----------------------------|
| <b>Entrez GeneID</b>       | <a href="#">55930</a>      |
| <b>GeneBank Accession#</b> | <a href="#">BC064841.1</a> |
| <b>Protein Accession#</b>  | <a href="#">AAH64841.1</a> |
| <b>Gene Name</b>           | MYO5C                      |
| <b>Gene Alias</b>          | MGC74969                   |
| <b>Gene Description</b>    | myosin VC                  |
| <b>Omim ID</b>             | <a href="#">610022</a>     |
| <b>Gene Ontology</b>       | <a href="#">Hyperlink</a>  |
| <b>Other Designations</b>  | myosin 5C                  |

## Disease

- [Tobacco Use Disorder](#)