

Recombinant Full Length Human MYO5C Protein, GST-tagged

Cat. No. MYO5C-6591HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYO5C full-length ORF (AAH64841.1, 1 a.a. - 430 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	430 amino acids
Description	MYO5C (Myosin VC) is a Protein Coding gene. Among its related pathways are Sertoli-Sertoli Cell Junction Dynamics and Actin Nucleation by ARP-WASP Complex. GO annotations related to this gene include actin binding and actin filament binding. An important paralog of this gene is MYO5A.
Molecular Mass	74.8 kDa
AA Sequence	MAVAELYTQYNRVWIPDPEEVWKS AEIAKDYRVGDKVLRLLLEDGTELDYSVNPESL PPLRNPDILVGENDLTALS YLHEPAVLHNL RIRFAESKLIYTYSGIILVAMNPYKQLPIY GD AIIHAYSGQNMGDMDPHIFAVAE EAYKQMARNNRNQSIIVSGESGAGKTVSARY AMRYFATVSKSGSNAHVEDKVLASNPITEAVGNAKTTRNDNSSRFGKYTEISFDEQN QIIGANMSTYLLEKSRVVFQSENERNYHIFYQLCASAQQSEFKHLKLGSAAEFNYTR MGGNTVIEGVNDRAEMVETQKTFTLLGFKEDFQMDVFKILAAILHLGNVQITAVGNE RSSVSEDDSHLKVFCELLGLESGRVAQWLCNRKIVTSSETVVKPMTRPQAVNARDA LAKKIYAHLDFDIVERINQALQFSVLKPLM

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MYO5C myosin VC [Homo sapiens]
Official Symbol	MYO5C
Synonyms	MYO5C; myosin VC
Gene ID	55930
mRNA Refseq	NM_018728
Protein Refseq	NP_061198
MIM	610022
UniProt ID	Q9NQX4

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