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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MYO1C (Human) Recombinant Protein (P01)

Catalog Number: H00004641-P01

Regulation Status: For research use only (RUO)

Product Description: Human MYO1C full-length ORF (NP_203693.2, 1 a.a. - 1028 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MESALTARDRVGVQDFVLLNFTSEAAFIENLRRRFRE
NLIYTYIGPVLVSVNPNYRDLQIYSRQHMERIRGVSYFE
VPPHLFAVADTVYRALRTERRDQAVMISGESGAGKTE
ATKRLQLFYAETCPAPERGGAVRDRLLQSNPVLEAFG
NAKTLRNDNSSRFGKYMDVQDFDKGAPVGGHILSYLL
EKSRVVHQNHGERNFHIFYQLLEGEEETLRRGLER
NPQSYLYLVKGGCAKVSINDKSDWKVVRKALTVIDFT
EDEVEDLLSIVASVLHLGNIHFAANESNAQVTTENQL
KYLTRLLSVEGSTLREALTHRKIIAKGEEELSPNLLEQA
AYARDALAKAVYSRTFTWLVGKINRSLASKDVESPSW
RSTTVLGLLDIYGFEVQFQNSFEQFCINYCNEKLQQLFI
ELTLKSEQEEYEAEGIAWEPVQYFNKIIICDLVEEKFK
GIISILDEECLRPGEATDLTFLEKLEDTVKHHPHFLTHKL
ADQRTRKSLGRGEFRLHYAGEVTYSVTGFLDKNNDL
LFRNLKETMCSSKNPIMSQCDFRSELSDKKRPETVAT
QFKMSLLQLVEILQSKEPAYVRCIKPNDKQPGRFDE
LIRHQVKYLGLLENLRVRRAGFAYRRKYEAFLQRYKSL
CPETWPTWAGRPQDGVAVLVRHLGYKPEEYKMGRT
KIFIRFPKTLFATEDALEVRRQSLATKIQAARWGFHWR
QKFLRVKRSIACIQSWWRGTLGRRKAAKRKWAQRTIR
RLIRGFILRHAPRCPENAFFLDHVRTSFLNLRRQLPR
NVLDTSWPTPPPALREASELLRELICKNMVWKYCRSIS
PEWKQQLQKAVASEIFKGGKDNYPQSVPRLFISTR
GTDEISPRVLQALGSEPIQYAVPVVKYDRKGYKPRSR
QLLLTPNAVVEDAKVKQRIDYANLTGISVSSLSDSL
VLHVQRADNKQKGDVVLQSDHVIETLTKTALSANRVN
SININQGSITFAGGPRDGTIDFTPGSELLITKAKNGHL
AVVAPRLNSR

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 144.3

Interspecies Antigen Sequence: Mouse (97); Rat (97)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications

information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 4641

Gene Symbol: MYO1C

Gene Alias: FLJ23903, MMI-beta, MMIb, NMI, myr2

Gene Summary: This gene encodes a member of the unconventional myosin protein family, which are actin-based molecular motors. The protein is found in the cytoplasm, and one isoform with a unique N-terminus is also found in the nucleus. The nuclear isoform associates with RNA polymerase I and II and functions in transcription initiation. The mouse ortholog of this protein also functions in intracellular vesicle transport to the plasma membrane. Multiple transcript variants encoding different isoforms have been found for this gene. The related gene myosin IE has been referred to as myosin IC in the literature, but it is a distinct locus on chromosome 19. [provided by RefSeq]