

Recombinant Human MYO18A protein, His-tagged

Cat. No. MYO18A-3913H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYO18A protein(1601-2002 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1601-2002 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	TLSDQVNRDRDFESEKRLRKDLKRTKALLADAQLMLDHLKNSAPSKREIAQLKNQLEE SEFTCAA AVKARKAMEVEIEDLHLQIDDIKAKTALEEQLSRLQREKNEIQNRLEEDQ EDMNELMKKHKA AVAQASRDLAQINDLQAQLEEANKEKQELQEKLQALQSQVEFLE QSMVDKSLVSRQEAKIRELETRLEFERTQVKRLESLSARLKENMEKLTTEERDQRIAA ENREKEQNKRLQRQLRDTKEEMGELARKEAEASRKKHELEMDLESLEAANQSLQA DLKLAFKRIGDLQAAIEDEMESDENEDLINSEGDSDVDSELEDRVDGVKSWLSKNKG PSKAASDDGSLKSSSPTS YWKSLAPDRSDDEHDPLDNTSRPRYSHSYLSDS DTEAK LTETNA
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

MYO18A myosin XVIIIa [Homo sapiens]

Official Symbol

MYO18A

Synonyms

MYO18A; myosin XVIIIa; unconventional myosin-XVIIIa; KIAA0216; MysPDZ; MAJN; myosin 18A; myosin-XVIIIa; myosin containing PDZ domain; myosin containing a PDZ domain; SP-A receptor subunit SP-R210 alphaS; molecule associated with JAK3 N-terminus; MYSPDZ; SPR210; DKFZp686L0243;

Gene ID

399687

mRNA Refseq

NM_078471

Protein Refseq

NP_510880

MIM

610067

UniProt ID

Q92614

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