Recombinant Human MYO1B Protein, GST-tagged

Cat. No. MYO1B-5831H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYO1B partial ORF (NP_036355, 979 a.a. - 1078 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	MYO1B (Myosin IB) is a Protein Coding gene. Diseases associated with MYO1B include Glass Syndrome and Amebiasis. Among its related pathways are Sertoli-Sertoli Cell Junction Dynamics and Actin Nucleation by ARP-WASP Complex. GO annotations related to this gene include calmodulin binding and motor activity. An important paralog of this gene is MYO1A.
Molecular Mass	36.74 kDa
AA Sequence	VSMSSQNDGFFAVHLKEGSEAASKGDFLFSSDHLIEMATKLYRTTLSQTKQKLNIEIS DEFLVQFRQDKVCVKFIQGNQKNGSVPTCKRKNNRLLEVAVP
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.

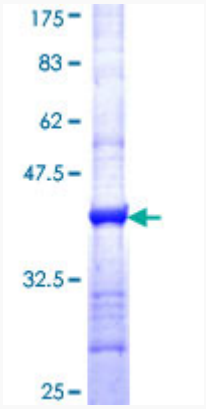
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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	MYO1B myosin IB [Homo sapiens (human)]
Official Symbol	MYO1B
Synonyms	MYO1B; myosin IB; MMIa; myr1; MYH-1c; MMI-alpha; unconventional myosin-Ib; MYO1B variant protein; myosin-I alpha
Gene ID	4430
mRNA Refseq	NM_001130158
Protein Refseq	NP_001123630
MIM	606537
UniProt ID	O43795

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

Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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