Recombinant Full Length Human MYO1H Protein, GST-tagged

Cat. No. MYO1H-5054HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLJ37587 full-length ORF (ENSP00000308083, 1 a.a. - 127 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	127 amino acids
Description	MYO1H (Myosin IH) is a Protein Coding gene. Diseases associated with MYO1H include Spastic Paraplegia 36, Autosomal Dominant. Among its related pathways are Delta508-CFTR traffic / ER-to-Golgi in CF. GO annotations related to this gene include actin binding and motor activity. An important paralog of this gene is MYO1C.
Molecular Mass	41.2 kDa
AA Sequence	MCVRNLVQKYCRGITAERKAMMQQKVVTSEIFRGRKDGYTESLNQPFVNSRIDEGD INPKVLQLISHEKIQYGVPVIKYDRKGFKARQRQLILTQKAAYVVELAKIKQKIEYSALK GKKWAIFKTMH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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	MYO1H myosin IH [Homo sapiens (human)]
Official Symbol	MYO1H
Synonyms	MYO1H; myosin IH; unconventional myosin-Ih; myosin-1H; myosin-Ih
Gene ID	283446
mRNA Refseq	NM_001101421
Protein Refseq	NP_001094891
MIM	614636
UniProt ID	Q8N1T3

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