

Recombinant Full Length Human MYO1D Protein, GST-tagged

Cat. No. MYO1D-6772HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYO1D full-length ORF (AAH30602.1, 1 a.a. - 436 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	436 amino acids
Description	MYO1D (Myosin ID) is a Protein Coding gene. Diseases associated with MYO1D include Visceral Heterotaxy. 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 calmodulin binding. An important paralog of this gene is MYO1G.
Molecular Mass	76.2 kDa
AA Sequence	MAEQESLEFGKADFVLMDTVSMPEFMANLRLRFEKGRIYTFIGEVVSVNPYKLLNIY GRDTIEQYKGRELYERPPHLFAIADAAAYKAMKRRSKDTCIVISGESGAGKTEASKYIM QYIAAITNPSQRAEVERVKNMMLLKSNVCLEAFGNAKTNRNDNSSRFGKYMDINFDFK GDPIGGHINNYLLEKSRVIVQQPGRSFSFYQLLQGGSEQMLRSLHLQKSLSSYNY IHVGAQLKSSINDAAEFRVVADAMKVIGFKPEEIQT VYKILAAILHLGNLKFVVDGDT LIENGKVVSIIAELLSTKTDMEKALLYRTVATGRDIIDKQHTEQEASYGRDAFAKAIYE RLFCWIVTRINDIIEVKNYDTTIHGKNTVIGVLDIYGFEIFDNNNSFEQFCINYCNEKLQQ LFIQLVLKQEQQEYQREGIPWKHVGLL

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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	MYO1D myosin ID [Homo sapiens]
Official Symbol	MYO1D
Synonyms	MYO1D; myosin ID; unconventional myosin-Id; KIAA0727; myr4; myosin-Id; myosin-I gamma;
Gene ID	4642
mRNA Refseq	NM_015194
Protein Refseq	NP_056009
MIM	606539
UniProt ID	O94832

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