

Recombinant Human MYO7B

Cat. No. MYO7B-29760TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human MYO7B with N-terminal proprietary tag. Predicted MW 36.30 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	97 amino acids
Molecular Weight	36.300kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	KERSIFAMALQDRKATDDTTLLAFKKGDLLVLTKKQGLLASENWTLGQNDRTGKTGL VPMACLYTIPTVTKPSAQLLSLLAMSPEKRKLAAQEGQFT
Sequence Similarities	Contains 2 FERM domains. Contains 6 IQ domains. Contains 1 myosin head-like domain. Contains 3 MyTH4 domains. Contains 2 SH3 domains.

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GENE INFORMATION

Gene Name	MYO7B myosin VIIB [Homo sapiens]
Official Symbol	MYO7B
Synonyms	MYO7B; myosin VIIB; myosin-VIIb;
Gene ID	4648
mRNA Refseq	NM_001080527
Protein Refseq	NP_001073996
MIM	606541
Uniprot ID	Q6PIF6
Chromosome Location	2q21.1
Function	ATP binding; actin binding; motor activity; nucleotide binding;

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