

Recombinant Human MYO3B

Cat. No. MYO3B-30277TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1-326 of Human Myosin IIIB with an N terminal enzyme tag.Expressed by baculovirus in Sf9 insect cells.Approximate molecular weight 63kDa.
Species	Human
ProteinLength	1-326 a.a.
Tissue specificity	Expressed in retina, kidney and testis.
Biological activity	Specific Activity: 85 nmol/min/mg
Form	Liquid
Storage buffer	Preservative: NoneConstituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	In the N-terminal section; belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family.Contains 2 IQ domains.Contains 1 myosin head-like domain.Contains 1 protein kinase domain.

GENE INFORMATION

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Gene Name	MYO3B myosin IIIB [Homo sapiens]
Official Symbol	MYO3B
Synonyms	MYO3B; myosin IIIB; myosin-IIIB;
Gene ID	140469
mRNA Refseq	NM_138995
Protein Refseq	NP_620482
MIM	610040
Uniprot ID	Q8WXR4
Chromosome Location	2q31.1-q31.2
Function	ATP binding; actin binding; motor activity; nucleotide binding; protein serine/threonine kinase activity;