Recombinant Human MYH9 protein, GST-tagged

Cat. No. MYH9-3260H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYH9 protein(P35579)(2-241aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-241aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	54.2 kDa
AA Sequence	AQQAADKYLYVDKNFINNPLAQADWAAKKLVWVPSDKSGFEPASLKEEVGEEAIVELVENGKKVKVNKDDIQKMNPPKFSKVEDMAELTCLNEASVLHNLKERYYSGLIYTYSGLFCVVINPYKNLPIYSEEIVEMYKGKKRHEMPPHIYAITDTAYRSMMQDREDQSILCTGESGAGKTENTKKVIQYLAYVASSHKSKKDQGELERQLLQANPILEAFGNAKTVKNDNSSRFGKFIRI
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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	repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	MYH9 myosin, heavy chain 9, non-muscle [Homo sapiens]
Official Symbol	MYH9
Synonyms	MYH9; myosin, heavy chain 9, non-muscle; DFNA17, myosin, heavy polypeptide 9, non muscle; myosin-9; EPSTS; FTNS; MHA; NMHC II A; NMMHCA; nonmuscle myosin heavy chain II A; myosin heavy chain 9; non-muscle myosin heavy chain A; non-muscle myosin heavy chain IIa; nonmuscle myosin heavy chain II-A; myosin heavy chain, non-muscle IIa; cellular myosin heavy chain, type A; non-muscle myosin heavy polypeptide 9; BDPLT6; DFNA17; NMHC-II-A; NMMHC-IIA; MGC104539;
Gene ID	4627
mRNA Refseq	NM_002473
Protein Refseq	NP_002464
MIM	160775
UniProt ID	P35579

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