

## Recombinant Human MYH9 protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MYH9 protein(P35579)(2-241aa), fused to N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-241aa
<b>Form</b>	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.
<b>Molecular Mass</b>	54.2 kDa
<b>AA Sequence</b>	AQQAADKYLIVDKNFINNPLAQADWAAKLVWVPSDKSGFEPASLKEEVGEEAIVE LVENGKKVKVNKDDIQKMNPPKFSKVEDMAELTCLNEASVLHNLKERYYSGLIYTYS GLFCVVINPYKNLPIYSEEIVEMYKGGKRHEMPPHIYAITDTAYRSMMQDREDQSILC TGESGAGKTENTKKVIQYLAYVASSHKSKKDQGELERQLLQANPILEAFGNAKTVKN DNSSRFGKFIRI
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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