

Recombinant Human MYO9B, GST-tagged

Cat. No. MYO9B-1146H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYO9B protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1660-1983aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	MYO9B myosin IXB [Homo sapiens]
Official Symbol	MYO9B
Synonyms	MYO9B; myosin IXB; CELIAC4; unconventional myosin-IXb; myosin-IXb; unconventional myosin-9b; unconventional myosin Ixb; MYR5;
Gene ID	4650

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

mRNA Refseq	NM_001130065
Protein Refseq	NP_001123537
MIM	602129
UniProt ID	Q13459
Chromosome Location	19p13.1
Pathway	Regulation of RhoA activity, organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem;
Function	ADP binding; ATP binding; ATPase activity; GTPase activator activity; Rho GTPase activator activity; actin binding; calmodulin binding; metal ion binding; microfilament motor activity; nucleotide binding; protein binding; NOT protein homodimerization acti

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