

Recombinant Human MYO3A protein, GST-tagged

Cat. No. MYO3A-301341H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYO3A (1090-1308 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln1090-Ser1308
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	QSAARGHLVRKQRKEIVDMKNTAVTTIQTSQEFDYKKNFENTRESFVKKQAENAI ANERFISAPNNKGSVSVVKTSTFKPEEETTNAVESNNRVYQTPKKMNNVYEEVVKQ EFYLVGPEVSPKQKSVKDLEENSNLRKVEKEEAMIQSYQRYTEERNCEESKAAYL ERKAISERPSYPVPWLAENETSFKKTLEPTLSQRSIQNANSMEKEKKTS
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

 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

cycles.

GENE INFORMATION

Gene Name [MYO3A myosin IIIA \[Homo sapiens \]](#)

Official Symbol [MYO3A](#)

Synonyms MYO3A; myosin IIIA; deafness, autosomal recessive 30 , DFNB30; myosin-IIIa; DFNB30;

Gene ID [53904](#)

mRNA Refseq [NM_017433](#)

Protein Refseq [NP_059129](#)

MIM [606808](#)

UniProt ID [Q8NEV4](#)

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