

Recombinant MYO5A protein (His tag)



Catalog Number: 539308

Gene Name Synonym

Dilute myosin heavy chain, non-muscle; Myosin heavy chain 12; Myosin-12; Myoxin

Protein Construction

DNA encoding 634-1076 aa (Q9Y4I1) were fused with 6His tag.

Organism

Human

Expression Host

E. coli

Activity

Not tested.

Purity

>87%, by SDS-PAGE with Coomassie Brilliant Blue staining.

Endotoxin

Not tested.

Stability

Samples are stable for up to twelve months from

date of receipt at -70°C

Molecular Mass

Predictes a molecular mass of 54.98 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 55 kDa band.

Formulation

Lyophilized from sterile PBS, pH 7.4

Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.