Human MYH10 Recombinant Protein (N-His)

Overview

Catalog No.	OM770587
Form	Lyophilized
Storage buffer	Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1 mM EDTA, 4% Trehalose, 1% Mannitol.
Purity	>90% as determined by SDS-PAGE.
Applications	ELISA, Immunogen, SDS-PAGE, WB, Bioactivity testing in progress
Endotoxin level	Please contact with the lab for this information.
Expression system	E. coli
Accession	P35580
Protein length	His438-Pro716
Nature	Recombinant
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.

Reconstitution	Reconstitute in sterile water for a stock solution. Adjust the volume of sterile water so that, after reconstitution, the final stock concentration matches the value indicated on the product label or datasheet. RECONSTITUTION PROTOCOL 1. Allow the product to be reconstituted and the reconstitution diluent to reach room temperature. 2. Tap or briefly centrifuge the product vial before opening to dislodge any lyophilized material that may be dispersed on the wall or cap of the vial. 3. Use the diluent and stock concentration recommended in the product datasheet. If preparing a stock concentration higher than recommended, contact Technical Service. 4. After adding the diluent, re-cap the vial and invert gently by hand or place on a slow rocking platform to allow the reconstitution diluent to coat all the surfaces inside the vial. *Note: Do not mix by vortexing or by pipetting the material up and down.* 5. Allow the vial to sit at room temperature with gentle agitation for at least 15 minutes before aliquotting or using. 6. Store the reconstituted material in single use aliquots in polypropylene or siliconized tubes. Aliquots of 10 µL or larger are recommended.
Alternative name	NMMHC II-b, MYH10, Non-muscle myosin heavy chain IIb, NMMHC-IIB, Cellular myosin heavy chain, type B, Myosin heavy chain 10, Myosin heavy chain, non-muscle IIb, Myosin-10, Non-muscle myosin heavy chain B, NMMHC-B
Species	Homo sapiens (Human)
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.
Predicted molecular weight	34.51 kDa
Note	For research use only.

Images

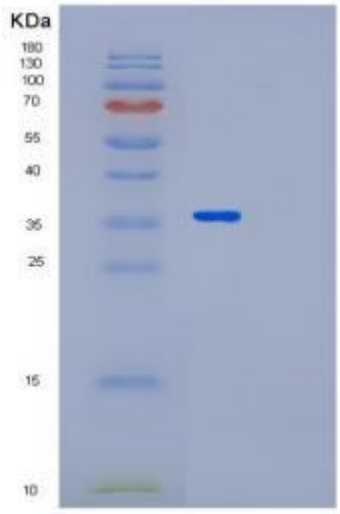


Figure 1. SDS-PAGE

SDS-PAGE for Recombinant Human MYH10 Protein, N-His

Images



SDS-PAGE

SDS-PAGE for Recombinant Human MYH10 Protein, N-His