

Recombinant mouse Myosin VIIa protein, N-Trx-His

Catalog Number: bs-42234P

Concentration: >0.5mg/ml

Species: Mouse

AA Seq: 861-1035/2215

Predicted MW: 38.5

Tags: N-Trx-His

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: 20mM Tris-HCl (pH8.0).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments. In retina, myosin VIIa may play a role in trafficking of ribbon-synaptic vesicle complexes and renewal of the outer photoreceptors disks. In inner ear, it may maintain the rigidity of stereocilia during the dynamic movements of the bundle.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.