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32-17695: Recombinant Mouse Trop2 Protein, hFc Tag

Uniprot ID : Q8BGV3
Alternative Name : Tpm-2; Trop-2

Description

Molecular Characterization: Mouse Trop2(Gln25-Gly270) hFc(Glu99-Ala330)
Molecular weight: The protein has a predicted molecular mass of 54.1 kDa after removal of the signal peptide.The apparent molecular mass of mTrop2-hFc is approximately 55-70 kDa due to glycosylation.
Description: Recombinant mouse Trop2 protein with C-terminal human Fc tag
This gene belongs to the tropomyosin family which encodes proteins that bind to actin filaments and stabilize them by regulating access to actin modifying proteins. The encoded protein is a high Molecular weight: tropomyosin expressed in slow skeletal muscle. In humans, mutations in this gene are associated with nemaline myopathy, cap disease and distal arthrogryposis syndromes. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.