

MUTED, 1-187aa, Human, His tag, E.coli

Cat.NO.: TP03050

3th Edition

Synonyms:Muted homolog, MU.

Description:Muted homolog, also known as MUTED, is involved in the development of lysosome related organelles, such as melanosomes and platelet dense granules. MUTED interacts with pallidin, dystrobrevin binding protein 1 and CNO/cappuccino. It is part of the biogenesis of lysosome related organelles complex 1 (BLOC1). Also, MUTED is ubiquitously expressed with higher levels in brain, bone marrow, kidney, and liver and lower levels in skeletal muscle.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 40% glycerol,2mM DTT, 0.1mM PMSF, 1mM EDTA

Molecular Weight:24 kDa (210aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMSSGGTETPVGCEAAPGGGSKKRDSLGTAGSAHLIIKDLGEIHSRLLDHRP
VIQGETRYFVKEFEKRLREMRVLENLKNMIHETNEHTLPKCRDTMRDLSQVLQRLQAANDSVCRLLQREQER
KKIHSDDLVAASEKQHMLQWDFMKEQPNKRAEVDDEHRKAMERLKEQYAEMEKDLAKFSTF

Purity:> 95% by HPLC

Concentration:0.25 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.