

Product datasheet for **TP321922**

Muted (BLOC1S5) (NM_201280) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human muted homolog (mouse) (MUTED), 20 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC221922 protein sequence
Red=Cloning site **Green**=Tags(s)

MSGGGTETPVGCEAAPGGGSKKRDSLGTAGSAHLIIKDLGEIHSRLLDHRPVIQGETRYFVKEFEKRG
REMRVLENLKNMIHETNEHTLPKCRDTMRDSLSQVLQRLQAANDSVCRLQQREQERKKIHS
DHLVASEK
Q
HMLQWDNFMKEQPNKRAEVDEEHRKAMERLKEQYAEMEKDLAKFSTF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 21.4 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_958437](#)

Locus ID: 63915

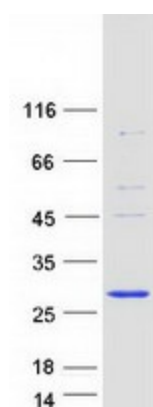
UniProt ID: [Q8TDH9](#)



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RefSeq Size:	2695
Cytogenetics:	6p24.3
RefSeq ORF:	561
Synonyms:	BLOS5; HPS11; MU; MUTED
Summary:	This gene encodes a component of BLOC-1 (biogenesis of lysosome-related organelles complex 1). Components of this complex are involved in the biogenesis of organelles such as melanosomes and platelet-dense granules. A mouse model for Hermansky-Pudlak Syndrome is mutated in the murine version of this gene. Alternative splicing results in multiple transcript variants. Read-through transcription exists between this gene and the upstream EEF1E1 (eukaryotic translation elongation factor 1 epsilon 1) gene, as well as with the downstream TXNDC5 (thioredoxin domain containing 5) gene. [provided by RefSeq, Dec 2010]

Product images:



Coomassie blue staining of purified BLOC1S5 protein (Cat# TP321922). The protein was produced from HEK293T cells transfected with BLOC1S5 cDNA clone (Cat# [RC221922]) using MegaTran 2.0 (Cat# [TT210002]).