

Product datasheet for **AR50455PU-S**

MUTED (1-187, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MUTED (1-187, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSGGGTE TPVGCEAAPG GGSKKRDSL G TAGSAHLI IK DLGEIHSRLL DHRPVIQGET RYFVKEFE EK RGLREMRVLE NLKNMIHETN EHTLPKCRDT MRDSLSQVLQ RLQAANDSVC RLQREQERK KIHSDHLVAS EKQHMLQWDN FMKEQP NKRA EVDEEHRKAM ERLKEQYAEM EKDLAKFSTF
Tag:	His-tag
Predicted MW:	24 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 40% glycerol, 2 mM DTT, 0.1 mM PMSF, 1 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MUTED protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001186251
Locus ID:	63915
UniProt ID:	Q8TDH9
Cytogenetics:	6p24.3
Synonyms:	BLOS5; HPS11; MU; MUTED



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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: