

Recombinant Full Length Human MUTED Protein, GST-tagged

Cat. No. MUTED-6580HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MUTED full-length ORF (NP_958437.1, 1 a.a. - 187 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	187 amino acids
Description	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. Some transcripts of the downstream gene TXNDC5 overlap this gene, but they do not contain an open reading frame for this gene. [provided by RefSeq]
Molecular Mass	48 kDa
AA Sequence	MSGGGTETPVGCEAAPGGGSKKRDSLGTAGSAHLIKDLGEIHSRLLDHRPVIQGET RYFVKEFEEKRGLREMRVLENLKNMIHETNEHTLPKCRDTMRDLSQVLQRLQAAN DSVCRLQQREQERKKIHSDHLVASEKQHMLQWDNFMKEQPNKRAEVDEEHRKAM ERLKEQYAEMEKDLAKFSTF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MUTED muted homolog (mouse) [Homo sapiens]
Official Symbol	MUTED
Synonyms	MUTED; muted homolog (mouse); protein Muted homolog; dJ303A1.3; MU; FLJ18427; DKFZp686E2287;
Gene ID	63915
mRNA Refseq	NM_001199322
Protein Refseq	NP_001186251
MIM	607289
UniProt ID	Q8TDH9

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