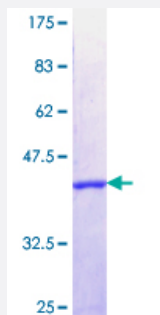


MUTED (Human) Recombinant Protein (Q01)

Catalog # H00063915-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MUTED partial ORF (NP_958437.1, 88 a.a. - 187 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EHTLPKCRDTMRDLSQVLQRLQAANDSVCRLLQREQERKKIHSDHLVASEKQHMLQWDNFMK EQPNKRAEVDEEHRKAMERLKEQYAEMEKDLAKFSTF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (76); Rat (81)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MUTED

Entrez GeneID [63915](#)

GeneBank Accession# [NM_201280](#)

Protein Accession# [NP_958437.1](#)

Gene Name MUTED

Gene Alias DKFZp686E2287, MU

Gene Description muted homolog (mouse)

Omim ID [607289](#)

Gene Ontology [Hyperlink](#)

Gene 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. 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]

Other Designations OTTHUMP00000016007|muted

Disease

- [Disease Susceptibility](#)
- [Schizophrenia](#)