

## Product datasheet for **TP312930M**

### **C1ORF151 (MINOS1) (NM\_001032363) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 1 open reading frame 151 (C1orf151), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212930 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSESELGRKWDRCLADAVKIGTGFGLGIVFSLTFFKRRMWPLAFGSGMGLGMAYSNCQHDFQAPYLLHG KYVKEQEQ
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	8.6 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:	<a href="#">NP_001027535</a>
Locus ID:	440574
UniProt ID:	<a href="#">Q5TGZ0</a>
RefSeq Size:	3726
Cytogenetics:	1p36.13



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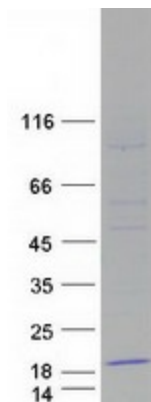
RefSeq ORF: 234

Synonyms: C1orf151; Mic10; MINOS1; MIO10

Summary: Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

### Product images:



Coomassie blue staining of purified MICOS10 protein (Cat# [TP312930]). The protein was produced from HEK293T cells transfected with MICOS10 cDNA clone (Cat# [RC212930]) using MegaTran 2.0 (Cat# [TT210002]).