

## Product datasheet for **TP507258**

### Mief2 (NM\_001009927) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse mitochondrial elongation factor 2 (Mief2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207258 representing NM_001009927 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MAEFSQKQRKQSGSEGLGSVDFLLANARLVLGVGGAAVLGIATLAVKRLIDRATSPPEDEDDTKGDSWKE LSLLRATSPQKPQPPPAAFSQPLATGSPSPVPVEPTPIHSPTTPKFSTIAPLCITFQERLLAFERKHVI TPEAHVTLAKQLAGDIALELQAYLRSKFPELPFGALVPGGPLYDGLQAGTAEHVRLAPLELEPGLWSLV PGVDTVAREPRCWAVRRTQLEFHPRGCSPWDRFLVGGYLSSRVLLELLRKALSASVNWPAIGSLLGCLIW PDVASEELLKQVHECLEFTLAVLMVWPGASTDDRLLLAWPLEGLASNLWLQDLYPVETARLRALDDQDA GTRRRLLLLLCGICRGHPALVRLGWSHLTQVVLHLGEEVAVWTEEALGERFLQALEFLVGSLEQASLPCH FNPSVNLLGNFREEEIDDIGYVLYSGLQVPESLF  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	50.1 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
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 after receiving vials.
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:	<u>NP_001009927</u>
Locus ID:	237781


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UniProt ID:	<u><a href="#">Q5NCS9</a></u>
RefSeq Size:	2564
Cytogenetics:	11 B2
RefSeq ORF:	1362
Synonyms:	AI482195; Gm11; Smcr7
Summary:	Mitochondrial outer membrane protein which regulates mitochondrial organization. It is required for mitochondrial fission and promotes the recruitment and association of the fission mediator dynamin-related protein 1 (DNM1L) to the mitochondrial surface independently of the mitochondrial fission FIS1 and MFF proteins. Regulates DNM1L GTPase activity.[UniProtKB/Swiss-Prot Function]