

Product datasheet for **TP508642**

AtI3 (NM_146091) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse atlastin GTPase 3 (AtI3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208642 protein sequence Red =Cloning site Green =Tags(s)

MLSPQRТААVARGAGDAMENGGKPGPVQVVLVHKEQHSFELEERALASVLLQDHIRDLDDVVVSVAGAFR
KGKSFILDFMLRYLYSQKEGGHSDWLGDPPEPLTGFSWRGGSDPETTGIIWSEVFTVKKPCGKKVAVL
MDTQGAFDQSSTVKDCATIFALSTMTSSVQIYNLSQNIQEDDLQQLQLFTEYGRLAMDEIFQKPFQTLMF
LIRDWSFPYENYGLQGGMAFLDKRLHVKEHQHEEIQNVRNHIHSCFSDVTCFLLPHPLQVATSPNFDG
KLKDIASEFKEQLQALIPYVLNPSKLMKEKINGSKVTTCRGLLEYFKAYIKIYQGEDLPHPKSMLQATAEA
NNLAAAASAKDIYNNMEEICGGKPYLSPDILEEKHLEFKQLALDHFKKIKKMGKDFSFYRQQELEE
IKELYENFCKHNGSKNVFSTFRTPAVLFTGIAALYASGFTGFIGLEVVAQLFNCMVGLLLIALLTWGYI
RYSQYRELGGAIDSGAAYVLEQASSHIGNSTQAAVRDAVGRPPADKKSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	60.6 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
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_666203</u>



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Locus ID:	109168
UniProt ID:	Q91YH5
RefSeq Size:	6387
Cytogenetics:	19 A
RefSeq ORF:	1626
Synonyms:	4633402C03Rik; 5730596K20Rik; AI465397; AW228836
Summary:	GTPase tethering membranes through formation of trans-homooligomers and mediating homotypic fusion of endoplasmic reticulum membranes. Functions in endoplasmic reticulum tubular network biogenesis (By similarity).[UniProtKB/Swiss-Prot Function]