

## Product datasheet for TP502172

### Mxd3 (NM\_016662) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Max dimerization protein 3 (Mxd3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202172 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MEPVASNIQVLLQAAEFLERREREAEHGYASLCPHHSPGTVCRRRKPPLQAPGALNSGRSVHNELEKRRR AQLKRCLEQLRQQMPLGVDCTRYTTLSSLRRARVHIQKLEEQEQQARRLKEKLRKQSLQQLQGL PGARERERLRADSLDSSGLSSERSDSDQEDLEVDVESLVFGTETELLQSFAGREHSYSHSTCAWL
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	23.6 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><a href="#">NP_057871</a></u>
Locus ID:	17121
UniProt ID:	<u><a href="#">Q80US8</a></u>
RefSeq Size:	1299
Cytogenetics:	13 29.8 cM



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RefSeq ORF: 621

Synonyms: 4631412E13Rik; bHLHc13; Mad3

Summary: Transcriptional repressor. Binds with MAX to form a sequence-specific DNA-binding protein complex which recognizes the core sequence 5'-CAC[GA]TG-3'. Antagonizes MYC transcriptional activity by competing for MAX and suppresses MYC dependent cell transformation.[UniProtKB/Swiss-Prot Function]