

Product datasheet for **TP500850**

Bola1 (NM_026975) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse bola-like 1 (E. coli) (Bola1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200850 protein sequence Red =Cloning site Green =Tags(s)
	<p>MLSARSAQCMVSMATRSCVSRGSAGSAAAGPVEAAIRAKLEQALSPEVLELRNESGGHAVPAGSETHFRV AVVSSRFEGMSPLQRHRLVHEALSEELAGPVHALAIQAKTPAQWRENPLQLDISPPCLGGSKKTRGTS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	14.4 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_081251</u>
Locus ID:	69168
UniProt ID:	<u>Q9D8S9</u>
RefSeq Size:	729
Cytogenetics:	3 F2.1
RefSeq ORF:	414



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Synonyms: 1810037G04Rik

Summary: Acts as a mitochondrial iron-sulfur (Fe-S) cluster assembly factor that facilitates (Fe-S) cluster insertion into a subset of mitochondrial proteins (By similarity). Probably acts together with the monothiol glutaredoxin GLRX5. May protect cells against oxidative stress (By similarity). [UniProtKB/Swiss-Prot Function]