

Product datasheet for **TP500712**

Isca1 (BC018547) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse iron-sulfur cluster assembly 1 homolog (S, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200712 protein sequence Red =Cloning site Green =Tags(s)
	 MSASLVRATVRAVSKRKLQPTRAALTLTPSAVNKIKQLLKDKPEHVGLKVGVRTRGRCNGLSYSLEYTKTK GDSDEEVIQDGVRFIEKKAQLTLLGTEMDYVEDKLSSEFVFNNPNIKGTGCGGESFHV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	14.2 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.
Locus ID:	69046
UniProt ID:	Q9D924
RefSeq Size:	1901
Cytogenetics:	13 B2
RefSeq ORF:	387
Synonyms:	1810010A06Rik; Hbld2



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Summary:

Involved in the maturation of mitochondrial 4Fe-4S proteins functioning late in the iron-sulfur cluster assembly pathway. Probably involved in the binding of an intermediate of Fe/S cluster assembly.[UniProtKB/Swiss-Prot Function]