

## Product datasheet for **TP506051**

### **Bbox1 (NM\_130452) Mouse Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse butyrobetaine (gamma), 2-oxoglutarate dioxygenase 1 (gamma-butyrobetaine hydroxylase) (Bbox1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206051 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MHCAILKAEAVDGAHLMQIFWHDGAESLYPAVWLRDNCQCSDCYLHSAKARKLLEALDVNIRIDDLTFD  
RKKVYITWPNDHYSEFEANWLKRCFSQARARLQGELFLPECQYWGSELQLPTLNFEDVLNDDDHAYKW  
LSSLKKGIVRLTGAADKRGEIILGKRIGFLYLTfyGHTWQVQDKIDANNVAYTTGKLSFHTDYPALHH  
PPGVQLLHCIKQTVTGGDSEIVDGFNVCQKLKEKNPQAFHILSSTFVDFTDIGVDYCDFSVQSKHKIIL  
DDKGQVVRVNFNNATRDTVFDVPIERVQPFYAALKEFVDFVDMNSKEYKYTFKMNPGDVITFDNWRLHGR  
SYEAGTEISRHLEGAYADWDVMSRLRILRQRVTNGN

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	44.7 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:	<a href="#">NP_569719</a>
Locus ID:	170442



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UniProt ID: [Q924Y0](#)

RefSeq Size: 1642

Cytogenetics: 2 E3

RefSeq ORF: 1164

Synonyms: A1874739

Summary: Catalyzes the formation of L-carnitine from gamma-butyrobetaine.[UniProtKB/Swiss-Prot Function]