

Product datasheet for **TP503239**

Ube2q1 (BC082275) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ubiquitin-conjugating enzyme E2Q (putative) 1 (cDNA clone MGC:90946 IMAGE:6310111), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203239 protein sequence Red =Cloning site Green =Tags(s)
	<p>MLDQPLPAEQCTQEEVSSSEDEDEEMPEDTEDLDHYEMKEEPAEGKKSSEDDGIGKENLAILEKIKKNQRQ DYLNGAVSGSVQATDRLMKELRDIYRSQSFKGGNYAVELVNDSLYDWNVKKLVQDSALHNDLQILKEK EGADFILLNFSFKDNFPDPPFVRVSPVLSGGYVLGGGAICMELLTKQGWSSAYSIESVIMQISATLVK GKARVQFGANKSQYSLTRAQQSYKSLVQIHEKNGWYTPPKEDG</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	28.5 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:	70093
UniProt ID:	Q7TSS2
RefSeq Size:	1686



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Cytogenetics: 3 F1

RefSeq ORF: 759

Synonyms: NICE-5, PRO3094, Ube2q

Summary: Catalyzes the covalent attachment of ubiquitin to other proteins (By similarity). Involved in female fertility and embryo implantation (PubMed:23108111). May be involved in hormonal homeostasis in females (PubMed:23108111). Involved in regulation of B4GALT1 cell surface expression, B4GALT1-mediated cell adhesion to laminin and embryoid body formation (PubMed:18511602).[UniProtKB/Swiss-Prot Function]