

## Product datasheet for TP518658

### Cybrd1 (NM\_028593) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytochrome b reductase 1 (Cybrd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218658 representing NM_028593 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MAMEGYRGFLGLLVSALLVGFLSVIFVLIWVLHFREGLGWNGSGLEFNWHPVLAVTGFVFIQGIIVYR LPWTWKCSKLLMKSIHAGLNAVAAILAISVAVFEYHNVQKVPHPMYSLHSWVGLTALILYIQLVVGFF VLLPWAPPSLRRAIVMPIHVYSGLLLFGTVIATVLMGVTEKLFVFLKHPYHSFPPEGVFTNTLGLLILV FGALIFWIVTRPQWKRPREPGSVPLQLNGGNAECRMEGAIAISSAHSMDAADPADAESSSEGAARKRTL LADSGQRSTM
	<b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	32.3 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_082869</a>
Locus ID:	73649
UniProt ID:	<a href="#">Q925G2</a>



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RefSeq Size: 5208

Cytogenetics: 2 C2

RefSeq ORF: 870

Synonyms: 2210407P13Rik; Dcytb

**Summary:** Ferric-chelate reductase that reduces Fe(3+) to Fe(2+). Present at the brush border of duodenal enterocytes where it probably reduces dietary Fe(3+) thereby facilitating its transport into the mucosal cells. Uses ascorbate as electron donor. May be involved in extracellular ascorbate recycling in erythrocyte membranes. May also act as a ferrireductase in airway epithelial cells.[UniProtKB/Swiss-Prot Function]