

Product datasheet for **TP516118**

Cyb5r4 (NM_024195) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytochrome b5 reductase 4 (Cyb5r4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216118 representing NM_024195 Red =Cloning site Green =Tags(s)

MLNVPSQAFPAGSQQRVSSQGRSKVPLKQGRSLMDWIRLTKSGKDLTGLKGGGLIEVTEELKHKHNKED
CWICIRGFVYNVSPYMEYHPGGEDELMRAAGADGTDLFEVHRWVNYESMLKECLVGRMAVKPAVPKDCH
EGKRVLNGMLPKSQMSDTLPRDVTDLPRDLSSPSYDWFQTESSVTIVVYTKQKNISLDSVIVDLQDDS
LRAEAVIKDHSYLVHVGLSHEVQENFSVRVIENVGKIEIVLQKKEVSWQCLGDHLEKHDSFIPKKTGL
YYRRCQLISKEDVTHDTRLFCLMLPPSTHLQVPVQGHVYLKLSVTGAEIVKPYTPVSDSLLSDFKEPVLS
PNKYICFLIKIYPAGLFTPELDRLQIGDFISVSGPEGDFKVSCLKQEVEDLFLAAGTGFTPMVTVLNYAL
SHMSSLRKVKLMFFNKTEDDIIWRCQLEKLALREKRFDFEVLVLSAPSPWNGKQGHISRALLSEFLQRSS
ENSRAFLCICGPTPFTDEGIRLLHDLNFSDDIEHGFTA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	59.7 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:	NP_077157



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Locus ID:	266690
UniProt ID:	Q3TDX8
RefSeq Size:	2653
Cytogenetics:	9 E3.1
RefSeq ORF:	1584
Synonyms:	2810034J18Rik; B5+B5R; b5/b5r; b5b5r; C79736; Cb5cb5r; Ncb5or
Summary:	NADH-cytochrome b5 reductase involved in endoplasmic reticulum stress response pathway. Plays a critical role in protecting pancreatic beta-cells against oxidant stress, possibly by protecting the cell from excess buildup of reactive oxygen species (ROS).[UniProtKB/Swiss-Prot Function]