

Recombinant Mouse Cyb5b Protein, C-Myc/DDK tagged

Cat. No. CYB5B-4122M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse cytochrome b5 type B (Cyb5b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Predicted to enable enzyme activator activity and heme binding activity. Predicted to contribute to nitrite reductase (NO-forming) activity. Predicted to be involved in nitric oxide biosynthetic process. Located in mitochondrial inner membrane. Is expressed in several structures, including adrenal gland; craniocervical region bone; gut; neural retina; and urinary system. Orthologous to human CYB5B (cytochrome b5 type B).
Molecular Mass	16.3 kDa
AA Sequence	MATPEASGSGEKVEGSEPSVTYYRLEEVAKRNSAEETWMVIHGRVYDITRFLSEHP GGEEVLLEQAGADATESFEDVGHSPDAREMLKQYYIGDVHPSDLKPKGDDKDPK NNSCQSSWAYWVPIVGAILIGFLYRHFWADSKSSSTRTRPLEQLISEEDLAANDILD YKDDDDKV
Purity	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	> 0.05 µg/µL as determined by microplate BCA method
Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10 % glycerol.

GENE INFORMATION

Gene Name	Cyb5b cytochrome b5 type B [<i>Mus musculus</i> (house mouse)]
Official Symbol	Cyb5b
Synonyms	Cyb5b; cytochrome b5 type B; Cyb5m; 1810044O22Rik; cytochrome b5 type B
Gene ID	66427
mRNA Refseq	NM_025558
Protein Refseq	NP_079834
UniProt ID	Q9CQX2

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