

Recombinant Mouse Cyb5r1 Protein, Myc/DDK-tagged

Cat. No. Cyb5r1-2401M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length cytochrome b5 reductase 1 (Cyb5r1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	NADH-cytochrome b5 reductases are involved in desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction.
Molecular Mass	34.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Cyb5r1 cytochrome b5 reductase 1 [Mus musculus (house mouse)]
Official Symbol	Cyb5r1
Synonyms	CYB5R1; cytochrome b5 reductase 1; NADH-cytochrome b5 reductase 1; NAD(P)H:quinone oxidoreductase type 3 polypeptide A2; NAD(P)H:quinone oxidoreductase type 3, polypeptide A2; B5R.1; C80155; Nqo3a2; 1500005G05Rik
Gene ID	72017
mRNA Refseq	NM_028057
Protein Refseq	NP_082333
UniProt ID	Q9DB73

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