

Recombinant Mouse Cyb5a Protein, MYC/DDK-tagged

Cat. No. Cyb5a-427M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse cytochrome b5 type A (microsomal) (Cyb5a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Cytochrome b5 is a membrane bound hemoprotein which function as an electron carrier for several membrane bound oxygenases. It is also involved in several steps of the sterol biosynthesis pathway, particularly in the C-5 double bond introduction during the C-5 desaturation.
Molecular Mass	15.2 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.

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GENE INFORMATION

Gene Name	Cyb5a cytochrome b5 type A (microsomal) [Mus musculus (house mouse)]
Official Symbol	Cyb5a
Synonyms	Cyb5a; cytochrome b5 type A (microsomal); Cyb5; 0610009N12Rik; cytochrome b5
Gene ID	109672
mRNA Refseq	NM_025797
Protein Refseq	NP_080073
UniProt ID	P56395

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