

Product datasheet for **TP727249**

Cytochrome b5 Outer Mitochondrial Membrane (CYB5B) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Cytochrome b5 B/CYB5B (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Lys12-Cys118
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Human Cytochrome b5 type B is produced by our Mammalian expression system and the target gene encoding Lys12-Cys118 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	80777
UniProt ID:	O43169
Synonyms:	Cytochrome b5 outer mitochondrial membrane isoform;OMB5
Summary:	Cytochrome b5 type B (CYB5B) is a membrane of the cytochrome b5 family. It contains 1 cytochrome b5 heme-binding domain. Cytochrome b5 is a membrane bound hemoprotein which function as an electron carrier for several membrane bound oxygenases. In the mitochondrion of eukaryotes and in aerobic prokaryotes, cytochrome b is a component of respiratory chain complex III also known as the bc1 complex or ubiquinol-cytochrome c reductase.
Protein Families:	Transmembrane



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