

Cytochrome C Oxidase Subunit Vb Human Recombinant

Item Number	rAP-3145
Synonyms	Cytochrome c oxidase subunit 5B, mitochondrial precursor, COXVB, COX5B, Mitochondrial, Cytochrome c oxidase polypeptide Vb.
Description	COX5B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 121 amino acids (32-129a.a) and having a molecular mass of 13kDa. COX5B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P10606
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSASGGVP TDEEQATGLE REIMLAAKKG LDPYNVLAPK GASGTREDPN LVPSISNKRI VGCCEEDNT SVVWFWLHKG EAQRCPRCGA HYKLVPPQQLA H.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	COX5B protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 20% glycerol and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**