

Cytochrome B5 Reductase 2 Human Recombinant

Item Number	rAP-1808
Synonyms	CYB5R2, Cytochrome B5 Reductase 2, EC 1.6.2.2, B5R.2, Cytochrome B5 Reductase B5R.2, NADH-Cytochrome B5 Reductase 2, b5R.2.
Description	CYB5R2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 299 amino acids (1-276 a.a.) and having a molecular mass of 33.8kDa. CYB5R2 is fused to a 23 amino acid His-tag at N-terminus.
Uniprot Accession Number	Q6BCY4
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMNSRRRE PITLQDPEAK YPLPLIEKEK ISHNTRRRFRF GLP-SPDHVLG LPVGNYVQLL AKIDNELVVR AYTPVSSDDD RGFVDLIKI YFKNVHPQYP EGGKMTQYLE NMKIGETIFF RGPRGRLFYH GPGNLGIRPD QTSEPCKTLA DHLGMIAGGT GITPMLQLIR HITKDPSDRT RMLIFANQT EEDILVRKEL EEIARTHDPQ FNLWYTLDRP PIGWKYSSGF VTADMIKEHL PPPAKSTLIL VCGPPPLIQT AAHPNLEKLG YTQDMIFTY.
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	CYB5R2 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 90.0% 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 ender users! This product is sold for **Research Use Only**