

# Human CYB5R3 Recombinant Protein



RPPB3319

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## Product Information    Protein Information

**Product SKU:**

RPPB3319

**Accession:**

P00387

**Host:**

E.coli.

**Protein description:**

CYB5R3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 300 amino acids (27-301) and having a molecular mass of 34.0kDa. CYB5R3 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered yellowish solution.

**Synonyms:**

Cytochrome b5 reductase 3, DIA1, B5R, Diaphorase (NADH) (cytochrome b-5 reductase), diaphorase-1, NADH-cytochrome b5 reductase 3 membrane-bound form, NADH-cytochrome b5 reductase 3 soluble form, Diaphorase-1, EC 1.6.2.2.

**Formulation:**

The CYB5R3 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol.

**Purity:**

Greater than 95% as determined by SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSHEMFQRST PAITLESPI KYPLRLIDRE IISHDTRRFR FALPSPQHIL  
GLPVGQHIYL SARIDGNLVV RPYTPISDD DKGFDLVK VYFKDTHPKF PAGGKMSQYL ESMQIGDTIE  
FRGPSGLLVY QGKGFKAIRP DKKSNPIIRT VKSVGMIAGG TGITPMLQVI RAIMKDPDDH TVCHLLFANQ  
TEKDILLRPE LEELRNKHSR RFKLWYTLDR APEAWDYGQG FVNEEMIRDH LPPPEEEPLV LMCGPPPMIQ  
YAQLPNLDHV GHPTERCFVF.