

32-5196: Recombinant Human Ubiquinol-Cytochrome C Reductase Core Protein II

Alternative Name : Ubiquinol-Cytochrome C Reductase Core Protein II, Ubiquinol-Cytochrome-C Reductase Complex Core Protein 2, Cytochrome B-C1 Complex Subunit 2 Mitochondrial, Complex III Subunit 2, Core Protein II, UQCRC2, QCR2.

Description

Source : E.coli. UQCRC2 Human Recombinant produced in E. coli is a single polypeptide chain containing 460 amino acids (15-453) and having a molecular mass of 49.0 kDa. UQCRC2 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Cytochrome b-c1 complex subunit 2, mitochondrial (UQCRC2) is a member of the peptidase M16 family. UQCRC2 is a component of the ubiquinol-cytochrome c reductase complex (complex III), which is a part of the mitochondrial respiratory chain. UQCRC2 is essential for the compilation of the complex.

Product Info

Amount : 10 µg

Purification : Greater than 85% as determined by SDS-PAGE.

Content : The UQCRC2 solution contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea, 0.1M NaCl and 10% glycerol.

Storage condition : 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 : MGSSHHHHHH SGLVPRGSH MSLKVAPKVK ATAAPAGAPP QPQDLEFTKL PNGLVIASLE NYSPVSRIGL FIKAGSRYED FSNLGTTHLL RLTSSLTTKG ASSFKITRGI EAVGGKLSVT ATRENMAYTV ECLRGDILDIL MEFLNVTTA PEFRRWEVAD LQPQLKIDKA VAFQNPQTHV IENLHAAAYR NALANPLYCP DYRIGKVTSE ELHYFVQNHF TSARMALIGL GVSHPLKQV AEQFLNMRGG LGLSGAKANY RGGEIREQNG DSLVHAAFVA ESAVAGSAEA NAFSVLQHVL GAGPHVKRGS NTTSHLHQA VAKATQQPFDV SAFNASYSDS GLFGIYTISQ ATAAGDVIKA AYNQVKTIAQ GNLSNTDVQA AKNKLKAGYL MSVESSECFLEEVGSQALVA GSYMPPSTVL QQIDSVANAD IINAAKKFVS GQKSMAASGN LGHTPFVDEL

