

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 SSSLVPRGSH MSLKVAPKVK ATAAPAGAPP QPQDLEFTKL PNGLVIASLE NYSPVSRIGL FIKAGSRYED FSNLGTTHLL RLTSSLTTKG ASSFKITRGI EAVGGKLSVT ATRENMAYTV ECLRGDVIDIL MEFLLNVTTA PEFRRWEVAD LQPQLKIDKA VAFQNPQTHV IENLHAAAYR NALANPLYCP DYRIGKVTSE ELHYFVQNHF TSARMALIGL GVSHPVKQV AEQFLNMRGG LGLSGAKANY RGGEIREQNG DSLVHAAFVA ESAVAGSAEA NAFSVLQHV L GAGPHVKRGS NTTSHLHQAV AKATQQPFDV SAFNASYS DS GLFGIYTISQ ATAAGDVIKA AYNQVKTIAQ GNLSNTDVQA AKNKLKAGYL MSVESSECFLEEVGSQALVA GSYMPPSTVL QQIDSVANAD IINAACKFVS GQKSMAASGN LGHTPFVDEL