

RPPB3756

Product Information Protein Information

Product SKU:

RPPB3756

Accession:

Q9H1K1

Host:

Escherichia Coli.

Protein description:

ISCU Human Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 154 amino acids (35-167 a.a.) and having a molecular mass of 16.7kDa. The ISCU is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Iron-sulfur cluster assembly enzyme ISCU mitochondrial, NifU-like N-terminal domain-containing protein, NifU-like protein, ISCU, NIFUN, HML, ISU2, NIFU, hnifU, MGC74517, 2310020H20Rik.

Formulation:

The ISCU solution (0.5 mg/ml) 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 2mM DTT and 100mM NaCl.

Purity:

Greater than 90.0% 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 MYHKKVVDHY ENPRNVGSLD KTSKNVGTGL VGAPACGDVM KLQIQVDEKG
KIVDARFKTF GCGSAIASSS LATEWVKGKT VEEALTIKNT DIAKELCLPP VKLHCSMLAE DAIKAALADY
KLKQEPKKG AEKK.