

Human CS Recombinant Protein



RPPB1507

Product Information Protein Information

Product SKU:

RPPB1507

Accession:

O75390

Host:

Escherichia Coli.

Protein description:

CS Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 462 amino acids (28-466 a.a) and having a molecular mass of 51.4kDa. CS is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Citrate Synthase, EC 2.3.3.1, Citrate (Si)-Synthase, EC 2.3.3, Citrate synthase, mitochondrial.

Formulation:

CS protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

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 MGSASSTNLK DILADLIPKE QARIKTRQQ HGKTVVGQIT VDMMYGGMRG
MKGLVYETSV LDPDEGIRFR GFSIPECQKL LPKAKGGEEP LPEGLFWLLV TGHIPTEEQV SWLSKEWAKR
AALPSHVVTM LDNFPTNLHP MSQLSAAVTA LNSESNFARA YAQGISRTKY WELIYEDSMD LIAKLPCVAA
KIYRNLYREG SGIGAIDSNL DWSHNFTNML GYTDHQFTEL TRLYLTIHSD HEGGNVSAHT SHLVGSALSD
PYLSFAAAMN GLAGPLHGLA NQEVLVWLTQ LQKEVGKDVS DEKLRDYIWN TLNSGRVWPG YGHAVLRKTD
PRYTCQREFA LKHLNDPMF KLVAQLYKIV PNVLLEQGKA KNPWPNVDAH SGVLLQYYGM TEMNYTVLF
GVSRALGVLA QLIWSRALGF PLERPMSMST EGLMKFVDSK SG.