

Citrate Synthase Human Recombinant

Item Number	rAP-1850
Synonyms	Citrate Synthase, EC 2.3.3.1, Citrate (Si)-Synthase, EC 2.3.3, Citrate synthase, mitochondrial.
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.
Uniprot Accesion Number	O75390
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSASSTNLK DILADLIPKE QARIKTFRQQ HGKTVVGQIT VDM-MYGGMRG MKGLVYETSV LDPDEGIRFR GFSIPECQKL LPKAKGGEEP LPEGLFWLLV TGHIPTEEQV SWLSKEWAKR AALPSHVVTM LDNFPTNLHP MSQLSAAVTA LNSESNFARA YAQGISRTKY WELIYEDSMD LIAKLPCVAA KIYRNLYREG SGIGAIDSNL DWSHNFTNML GYTDHQFTEL TRLYLTIHSD HEGGNVSAHT SHLVGSALSD PYLSFAAAMN GLAG-PLHGLA
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	CS protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**