

Recombinant Human CS protein, His-tagged

Cat. No. CS-2738H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CS protein(O75390)(28-464aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	28-464aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	52.9 kDa
AA Sequence	ASSTNLKDILADLIPKEQARIKTFRQQH GKTVVGQITVDMMYGGMRGMKGLVYETSV LDPDEGIRFRGFSIPECQKLLPKAKGGEEPLPEGLFWLLVTGHIPTEEQVSWLSKEW AKRAALPSHVVTMLDNFPTNLHPMSQLSAAVTALNSESNFARAYAQQGISRTKYWELI YEDSMDLIAKLPCVAAKIYRNLYREGSGIGAIDSNLDWSHNFTNMLGYTDHQFTELT RLYLTIHSDHEGGNVSAHTSHLVGSALSDPYLSFAAAMNGLAGPLHGLANQEVLVW LTQLQKEVGKDVSDKLRDYIWNTLN SGRVVPGYGHAVLRKTDPRYTCQREFALKH LPNDPMFKLVAAQLYKIVPNVLLEQ GKAKNPWPNVDAHSGVLLQYYGMTEMNYYTVL FGVSRALGVLAQLIWSRALGFPLERPKSMSTEGLMKFVDSK

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	CS citrate synthase [Homo sapiens]
Official Symbol	CS
Synonyms	CS; citrate synthase; citrate synthase, mitochondrial;
Gene ID	1431
mRNA Refseq	NM_004077
Protein Refseq	NP_004068
MIM	118950
UniProt ID	O75390

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