

Human CISO Recombinant Protein

Catalog No.: OM770654

Sequence Information

Species: Human**Gene ID:** 1431**Swiss Prot:** O75390**Synonyms:** Citrate synthase Citrate synthase mitochondrial citrate

synthetase Cs EC 2.3.3 EC 2.3.3.1

Residues: Met1-Gly466

MALLTAAARLLGTKNASCLVLAARHASASSTNLKDILADLIPKEQARIKTRQQHGKTVV
GQITVDMMYGGMRGMKGLVYETSVLDPDEGIRFRGFSIPECQKLLPKAKGGEEPLPEGLF
WLLVTGHIPTTEQVSWLSKEWAKRAALPSHVVTMLDNFPTNLHPMSQLSAAVTALNSES
FARAYAQGISRTKYWELIYEDSMDLIAKLPCVAAKIYRNLYREGSGIGAIDSNDLWSHNF
TNMLGYTDHQFTELRLYLIHSDHEGGNVSAHTSHLVGSALSDPYLSFAAAMNGLAGPL
HGLANQEVLVWLTQLQKEVGKDVSDKLRDIWNTLNHSGRVVPGYGHAVLRKTDPRYTCQ
REFALKHLPNDPMFKLVAQLYKIVPNVLEQKGAKNPWPNVDAHSGVLLQYYGMTEMNYY
TVLFGVSRALGVLAQLIWSRALGFPLERPCKSMSTEGLMKFVDSKSG

Product Information

Source: Prokaryotic expression.**Host:** *E. coli***Tags:** N-terminal His-Tag**Subcellular Location:** Secreted.**Purity:** >95%**Traits:** Freeze-dried powder**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, 5% Trehalose.**Original Concentration:** 200µg/mL**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 8.42**Predicted Molecular Mass:** 51.7kDa**Accurate Molecular Mass:** 52kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious

degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

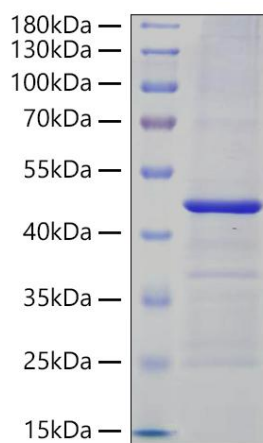


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.