

Recombinant Full Length Human CCS Protein, GST-tagged

Cat. No. CCS-3038HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCS full-length ORF (NP_005116.1, 1 a.a. - 274 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	274 amino acids
Description	Copper chaperone for superoxide dismutase specifically delivers Cu to copper/zinc superoxide dismutase and may activate copper/zinc superoxide dismutase through direct insertion of the Cu cofactor. [provided by RefSeq, Jul 2008]
Molecular Mass	55.4 kDa
AA Sequence	MASDSGNQGTLCTLEFAVQMTQCSCVDAVRKSLQGVAGVQDVEVHLEDQMVLVH TTLPSQEVQALLEG TGRQAVLKGMGSGQLQNLGA AVAILGGPGTVQGVVRF LQLTP ERCLIEGTIDGLEPGLHGLHVHQYGDLTNNCNSCGNHFNPDGASHGGPQDSDRHR GDLGNVRADADGRAIFRMEDEQLKVWDVIGRSLIIDEGEDDLGRGGHPLSKITGNSG ERLACGIIARSAGL FQNPKQICSCDGLTIWEERGRPIAGKGRKESAQPPAHL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CCS copper chaperone for superoxide dismutase [Homo sapiens]

Official Symbol CCS

Synonyms CCS; copper chaperone for superoxide dismutase; superoxide dismutase copper chaperone; MGC138260;

Gene ID 9973

mRNA Refseq NM_005125

Protein Refseq NP_005116

MIM 603864

UniProt ID O14618

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