

# Recombinant Full Length Human CCS Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human CCS full-length ORF (NP_005116.1, 1 a.a. - 274 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	274 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	55.4 kDa
<b>AA Sequence</b>	MASDSGNQGTLCLEFAVQMTQCSCVDAVRKSLQGVAGVQDVEVHLEDQMVLVH TTLPSQEVQALLEGTGRQAVLKGMGSGQLQNLGAAVAILGGPGTVQGVRFLQLTP ERCLIEGTIDGLEPGLHGLHVHQYGDLTNNCNSCGNHFNPDGASHGGPQDSDRHR GDLGNVRADADGRAIFRMEDEQLKVWDVIGRSLIIDEGEDDLGRGGHPLSKITGNSG ERLACGIIARSAGLFQNPQKQICSCDGLTIWEERGRPIAGKGRKESAQPPAHL
<b>Applications</b>	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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