

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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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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GENE INFORMATION

Gene Name	CCS copper chaperone for superoxide dismutase [Homo sapiens]
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Official Symbol	CCS
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Synonyms	CCS; copper chaperone for superoxide dismutase; superoxide dismutase copper chaperone; MGC138260;
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Gene ID	9973
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mRNA Refseq	NM_005125
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Protein Refseq	NP_005116
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MIM	603864
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UniProt ID	O14618
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