

Recombinant Human CCS cell lysate

Cat. No. CCS-312HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

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

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mRNA Refseq	NM_005125
Protein Refseq	NP_005116
MIM	603864
UniProt ID	O14618
Chromosome Location	11
Pathway	Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem;
Function	copper ion binding; copper ion transmembrane transporter activity; metal ion binding; protein binding; NOT superoxide dismutase activity; superoxide dismutase copper chaperone activity; zinc ion binding;

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