

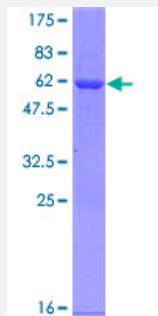
Full-Length

CCS (Human) Recombinant Protein (P01)

Catalog # H00009973-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CCS full-length ORF (NP_005116.1, 1 a.a. - 274 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASDSGNQGTLCLEFAVQMTQCSCVDAVRKSLQGVAGVQDVEVHLEDQMVLVHTTLPSQEV
QALLEGTRQAVLKGMGSGQLQNLGAAVAILGGPGTVQGVRFLQLTPERCLIEGTIDGLEPGLH
GLHVHQYGDLTNNCNSCGNHFNPDGASHGGPQSDRHRGDLGNVRADADGRAIFRMEDEQLK
VWDVIGRSLIIDEGEDDLGRGGHPLSKITGNSGERLACGIARSAGLFQNPQKICSDGLTWEERG
RPIAGKGRKESAQPPAHL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

55.4

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CCS

Entrez GeneID	9973
GeneBank Accession#	NM_005125.1
Protein Accession#	NP_005116.1
Gene Name	CCS
Gene Alias	MGC138260
Gene Description	copper chaperone for superoxide dismutase
Omim ID	603864
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	-

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)

Disease

- [Alzheimer disease](#)
- [Cognition](#)