

Product Information

MemDX™ Membrane Protein Human CCS (Copper chaperone for superoxide dismutase) for Antibody Discovery

Cat. No.: **MP0178X**

This product is for research use only and is not intended for diagnostic use.

This product is a 55.4 kDa Human CCS membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

CCS

Protein Length

Full-length

Molecular Weight

55.4 kDa

Sequence

MASDSGNQGTLCTLEFAVQMTQCSCVDAVRKSLQGVAGVQDVEVHLEDQMVLVHTTLPSQEVQALLEGTRQAVLKGMGSGQL

Product Description

Application

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

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

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

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

CCS

Full Name

Copper chaperone for superoxide dismutase

Introduction

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

Alternative Names

MGC138260

Gene ID

[9973](#)

UniProt ID

[Q14618](#)