

Recombinant Mouse CSAD Protein (1-493 aa), His-SUMO-tagged

Cat. No. CSAD-428M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CSAD Protein (1-493 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	Mouse
Source	E.coli
ProteinLength	1-493 aa
Form	Tris-based buffer, 50% glycerol
Molecular Mass	71.1 kDa
AA Sequence	MADSKPLRTLGDGPVAVEALLQDVFGIVVDEAILKGTSASEKVCEWKEPEELKQLLD LELQSQGESREQILERCRTVIHYSVKTGHPRFFNQLFSGLDPHALAGRIITESLNTSQ YTYEIAPVFVLMEEEEVLKKLRALVGWNSGDGVFCPGGSISNMYAMNLARFQRYPCD KQRGLRALPPLALFTSKECHYSITKGA AFLGLGTDSVRVVKADERGRMIPEDLERQII LAEAEGSVPFVLSATSGTTVLGAFDPLDAIADVCQRHGLWFHVDAAWGGSVLLSRT HRHLLDGIQRADSVAWNPHKLLAAGLQCSALLLRDTSNLLKRCHGSQASYLFQQDK FYDVALDTGDKVVQCGRRVDCLKLWLMWKAQGGQGLERRIDQAFALTRYLVEEIKK REGFELVMEPEFVNVCFWFVPPSLRGKKESPDISQRLSQVAPVLKERMVKKGTMM IGYQPHGTRANFFRMVVANPILAQADIDFLLGELELLGQDL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

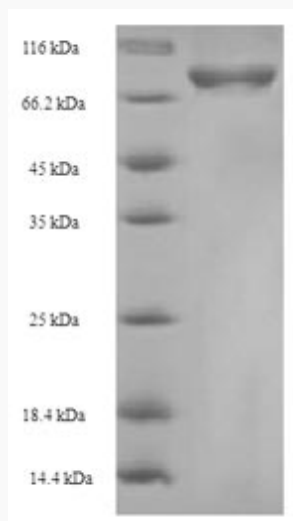
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	Csad cysteine sulfinic acid decarboxylase [Mus musculus]
Official Symbol	CSAD
Synonyms	CSAD; sulfinoalanine decarboxylase; Csd;
Gene ID	246277
mRNA Refseq	NM_144942
Protein Refseq	NP_659191
UniProt ID	Q9DBE0

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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