

Recombinant Human CSAD Protein, His&GST-tagged

Cat. No. CSAD-854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSAD Protein (Glu234-Leu493) with His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu234-Leu493
Description	This gene encodes a member of the group 2 decarboxylase family. A similar protein in rodents plays a role in multiple biological processes as the rate-limiting enzyme in taurine biosynthesis, catalyzing the decarboxylation of cysteinesulfinate to hypotaurine. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 59.2 kDa; Accurate Molecular Mass: 59 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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

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

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

48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

CSAD cysteine sulfinic acid decarboxylase [Homo sapiens (human)]

Official Symbol

CSAD

Synonyms

CSAD; cysteine sulfinic acid decarboxylase; CSD; P selectin cytoplasmic tail associated protein; PCAP; sulfinoalanine decarboxylase; cysteine-sulfinic acid decarboxylase; P-selectin cytoplasmic tail-associated protein; cysteine sulfinic acid decarboxylase-related protein; FLJ44987; FLJ45500; MGC119354; MGC119355; MGC119357;

Gene ID

51380

mRNA Refseq

NM_001244705

Protein Refseq

NP_001231634

MIM

616569

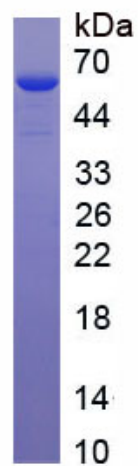
 Tel: 1-631-559-9269 1-516-512-3133

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

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

UniProt ID

Q9Y600

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA