

Recombinant Full Length Human CSAD Protein, GST-tagged

Cat. No. CSAD-2148HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CSAD full-length ORF (BAG37682.1, 1 a.a. - 493 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	493 amino acids
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. [provided by RefSeq, Sep 2011]
Molecular Mass	80.63 kDa
AA Sequence	MADSEALPSLAGDPVAVEALLRAVFGVVVDEAIQKGTSVSQKVCEWKEPEELKQLL DLELRSQGSESQKQILERCRAVIRYSVKTGHPFFNQLFSGLDPHALAGRIITESLNTS QYTYEIAPVFVLMEEEEVLRLRALVGWSSGGGIFCPGGSISNMYAVNLARYQRYPD CKQRGLRTLPLALFTSKECHYSIQKGA AFLGLGTDSVRVVKADERGKMVPEDLER QIGMAEAEAGAVPFLVSATSGTTVLGAFDPLEIAIDVCQRHGLWLHVDAAWGGSVLL SQTHRHLLDGIQRADSVAWNPHKLLAAGLQCSALLLQDTSNLLKRCHGSQASYLFQ QDKFYDVALDTGDKVVQCGRRVDCLKLWLMWKAQGDQGLERRIDQAFVLARYLVE EMKKREGFELVMEPEFVNVCFWFVPPSLRGKQESPDYHERLSKVAPVLKERMVKE

 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

GSMMIGYQPHGTRGNFFRVVVANSALTCADMDFLLNELERLGQDL

Applications

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

Notes

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

Storage

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

Storage Buffer

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

GENE INFORMATION

Gene Name

CSAD cysteine sulfinic acid decarboxylase [Homo sapiens]

Official Symbol

CSAD

Synonyms

CSAD; cysteine sulfinic acid decarboxylase; CSD; P selectin cytoplasmic tail associated protein; PCAP; sulfinoalanine decarboxylase; cysteine-sulfinate 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

 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

MIM	616569
-----	--------

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