

Datasheet for ABIN7561276
CSAD Protein (AA 1-493) (His tag)



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Overview

Quantity:	1 mg
Target:	CSAD
Protein Characteristics:	AA 1-493
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CSAD protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Csad Protein expressed in mammalien cells.
Sequence:	MADSKPLRTL DGDPVAVEAL LQDVFIVVD EAILKGTSAS EKVCEWKEPE ELKQLLDLEL QSQGESREQL LERCRTVIHY SVKTGHPRFF NQLFSGLDPH ALAGRIITES LNTSQYTYEI APVFLMEEE VLKCLRALVG WNSGDGVFCP GGSISNMYAM NLARFQRYPD CKQRGLRALP PLALFTSKEC HYSITKGAAF LGLGTDSVRV VKADERGRMI PEDLERQIIL AEAEGSVPFLL VSATSGTTVL GAFDPLDAIA DVCQRHGLWF HVDAAWGGSV LLSRTHRHL DGIQRADSV WNPHKLLAAG LQCSALLLRD TSNLLKRCHG SQASYLFQQD KFYDVALDTG DKVVQCRRV DCLKLWLMWK AQGGQLERR IDQAFALTRY LVEEIKKREG FELVMEPEFV NVCFWFVPPS LRGKKESPDY SQRLSQVAPV LKERMVKKGT MMIGYQPHGT RANFFRMVVA NPILAQADID FLLGELELLG QDL Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Product Details

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

CSAD

Alternative Name:

Csad ([CSAD Products](#))

Background:

Cysteine sulfinic acid decarboxylase (EC 4.1.1.29) (Aspartate 1-decarboxylase) (EC 4.1.1.11) (Cysteine-sulfinic acid decarboxylase) (Sulfinic acid decarboxylase),FUNCTION: Catalyzes the decarboxylation of L-aspartate, 3-sulfinic-L-alanine (cysteine sulfinic acid), and L-cysteate to beta-alanine, hypotaurine and taurine, respectively. The preferred substrate is 3-sulfinic-L-alanine. Does not exhibit any decarboxylation activity toward glutamate.
{ECO:0000269|PubMed:26327310}.

Molecular Weight:

55.1 kDa

UniProt:

[Q9DBE0](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a

Application Details

guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months