

Datasheet for ABIN7546806
CSAD Protein (AA 1-493) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CSAD
Protein Characteristics:	AA 1-493
Origin:	Human
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 mammalian cells.
Sequence:	<p>MADSEALPSL AGDPVAVEAL LRAVFGVVVD EAIQKGTSVS QKVCEWKEPE ELKQLLDLEL RSQGESQKQI LERCRAVIRY SVKTGHPREF NQLFSGLDPH ALAGRIITES LNTSQYTYEI APVFVLMEEE VLRKLRALVG WSSGDGIFCP GGSISNMYAV NLARYQRYPD CKQRGLRTLPL PLALFTSKEC HYSIQKGAFF LGLGTDSVRV VKADERGKMV PEDLERQIGM AEAEGAVPFL VSATSGTTVL GAFDPLEAIA DVCQRHGLWL HVDAAWGGSV LLSQTHRHL DGIQRADSV WNPHKLLAAG LQCSALLLQD TSNLLKRCHG SQASYLFQQD KFYDVALDTG DKVVQCGRRV DCLKLWLMWK AQGDQGLERR IDQAFVLARY LVEEMKKREG FELVMEPEFV NVCFWFVPPS LRGKQESPDY HERLSKVAPV LKERMVKEGS MMIGYQPHGT RGNFFRVVVA NSALTCADMD FLLNELERLG QDL</p> <p>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.</p>

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• 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:	<p>Cysteine sulfinic acid decarboxylase (EC 4.1.1.29) (Aspartate 1-decarboxylase) (EC 4.1.1.11) (Cysteine-sulfinate decarboxylase) (Sulfinoalanine decarboxylase),FUNCTION: Catalyzes the decarboxylation of L-aspartate, 3-sulfino-L-alanine (cysteine sulfinic acid), and L-cysteate to beta-alanine, hypotaurine and taurine, respectively. The preferred substrate is 3-sulfino-L-alanine. Does not exhibit any decarboxylation activity toward glutamate.</p> <p>{ECO:0000250 UniProtKB:Q9DBE0}.</p>
Molecular Weight:	55.0 kDa
UniProt:	Q9Y600

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