

Datasheet for ABIN7564279
AASDH Protein (AA 1-1100) (His tag)



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Overview

Quantity:	1 mg
Target:	AASDH
Protein Characteristics:	AA 1-1100
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AASDH protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Aasdh Protein expressed in mammalien cells.
Sequence:	MTLQELVLR T ASVYMDRTAV CFDEGNNQPP VCYSYKALLS AAESLSHFLI AHCDFGGIRE IGLYCQPGIN LPSWILGILQ VPAAYAPIDP DSPPSLSTYF MKKCDLKYVL VEKQQLSKFK SSHETVLNYD TVSVEHKDLA LFRLHWEDGR VSTVLGDRAD QHKVTDREDR VSAESRTPEK EHMDMRHDGC LAYVLHTSGT TGTPKIVRVP HACILPNIQH FRSLFDITQE DILFLASPLT FDPSVVEIFV SLSSGACLLI VPTSVKVLPS KLADILFSRH RVTVLQATPT LLRRFGSELI KSTVLSAHTS LRVLALGGEA FPSLTILKSW RGKGNRTQIF NIYGITEVSS WATFYRIPEE ILNSAVKHES PVQLGSPLLG TVIEVRDQNG SPVLEGTGQV FLGGKNRVCF LDDEMTVPLG TMRATGDFVT VKDGEIFFLG RKDSQIKRHG KRLNIALVQQ VAEELRQVES CAVTWYNQER LILFIVSKVD LVKDCIFKEL QKHLPAHALP DDMVLIDTLP FTCHGKVDVS ELNKIYLDYI SSQPRNELHG KEELWGKLQY LWKSILCLPE DPEDTLKVPA NSVFLDSGGD SLKSMRLLSE IERLTGTAIP GLLEVILSSS LLDVYNHIVQ AVFTPEDRKA NRSYTTKRKF SDADPEEASG

Product Details

KPARLESAWP SNHAGETNSV IALSRGSQVL SLGAGRLLTQ LGLCLPVCSL DLIPQTNTQI
LKSLSPAPD ENLEKPLFQ QGSPVVGAMA MALRERWRSD TGKCVASPL LVRAAVQDKP
STTVYIGSHS HTVKAVDLSS GETRWEQLLG DRIESSACVS KCGNFIVVGC YNGLVYVLKS
NSGEKYWTFT TEDAVKSSPA VDPTTGLIYV GSHDQHAYAL DIYEKKCVWK LNCEGALFSS
PCVSLSPHHL YCATLGGLLL ALNPASGSTV WKRSCGKPLF SSPRCYQQYI CIGCVDGSL
CFTHSGEQVW RFAAGGPIFS SPCVSAAEQE IFFGSHDCFI YCCSKEGHLR WKFETTARVY
ATPFAFSNHP RSDDALLAAA STDGKLWVLE SRSGELRSVY ELPGEVFSSP VVWESMLVIG
CRNNYIYCLD LLCGDKNNQV **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.**

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:

AASDH

Alternative Name:

Aasdh ([AASDH Products](#))

Background:

Beta-alanine-activating enzyme (EC 6.2.1.-) (Acyl-CoA synthetase family member 4) (Protein LYS2 homolog),FUNCTION: Covalently binds beta-alanine in an ATP-dependent manner to form a thioester bond with its phosphopantetheine group and transfers it to an as yet unknown

Target Details

acceptor via an amide bond. May be required for a post-translational protein modification or for post-transcriptional modification of an RNA. {ECO:0000269|PubMed:24467666, ECO:0000303|PubMed:24467666}.

Molecular Weight: 121.6 kDa

UniProt: [Q80WC9](#)

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 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