

Datasheet for ABIN7560539

AASDHPPT Protein (AA 1-309) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	AASDHPPT
Protein Characteristics:	AA 1-309
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AASDHPPT protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Aasdhppt Protein expressed in mammalien cells.
Sequence:	<p>MVFPKRLCV VPSMEGVRWA FSCGTWLPSR AEWLLAMRSI QPEEKERIGK FVFARDAKAA LAGRLMIRKL VAEKLNIPWD HIRLQRTSKG KPVLAKDSL N PYPNFNFNIS HQGDYAVLAA EPEVQVGIDI MKTSFPGRGS IPEFFHIMKR KFTKKEWETI RSFNDEWTQL DMFYRHWALK ESFIKAIGVG LGFEMQRLEF DVSP LNMDIG QVYKETCLIL DGEEKEWAF EESKIDEHHF VAVAVRKPDG SRHQNVSYQD DSKLSQRKFT ILNFNDLVAS AIPMT PEDPS FWDCFCFTEE ILIRNGTKS 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>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	AASDHPPT
---------	----------

Alternative Name:	Aasdhpt (AASDHPPT Products)
-------------------	---

Background:	L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase (EC 2.7.8.7) (4'-phosphopantetheinyl transferase) (Alpha-aminoadipic semialdehyde dehydrogenase-phosphopantetheinyl transferase) (AASD-PPT),FUNCTION: Catalyzes the post-translational modification of target proteins by phosphopantetheine. Can transfer the 4'-phosphopantetheine moiety from coenzyme A, regardless of whether the CoA is presented in the free thiol form or as an acetyl thioester, to a serine residue of a broad range of acceptors including the acyl carrier domain of FASN. {ECO:0000250 UniProtKB:Q9NRN7}.
-------------	--

Molecular Weight:	35.8 kDa
-------------------	----------

UniProt:	Q9CQF6
----------	------------------------

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.
--------------------	--

Application Details

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