

Datasheet for ABIN7559651
FAD Synthetase Protein (AA 1-492) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	FAD Synthetase
Protein Characteristics:	AA 1-492
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAD Synthetase protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Flad1 Protein expressed in mammalian cells.
Sequence:	MASRASELPP GSGRSVTAGI IIVGDEILKG HTQDTNTYFL CRTLRSLGVQ VCRVSVVPDE VATIASEVNS FSRRFTHVLT AGGIGPTHDD VTFEAVAQAF GEELKPHPEL QAAIKTLGGE GWEKLSMVPS SARLHYGTDP RTGHPFRFPL VSVRNVYLPF GIPELLRRVL EGLKGLFQNT AVQFHLKELY VAASEGSIAP ILSEAQAHFGRRLSLGSYPD WSSNYFQVKL ILDSEEKEPL EECLAYLTAR LPQGSVLPYQ PDAVEKAGEA VYKLAESGSC LGKKVAGALQ TIETALAQYH LSQLCVGFNG GKDCTALLHL FHAAVQRKFP DVPKPLQILY IRSISPFPEL EQFLQDTIKR YNLQVLEAEG NMKQALGELQ EKHPQLEAVL MGTRRTDPYS CSLSHFSPTD PGWPSFMRIN PLLDWTYRNI WEFLRQLFVP YCILYDRGYT SLGSRENTTQ NPALKCLSPG GHPVYRPAYL LENEDEERNS RM 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

FAD Synthetase

Alternative Name:

Flad1 ([FAD Synthetase Products](#))

Background:

FAD synthase (EC 2.7.7.2) (FAD pyrophosphorylase) (FMN adenylyltransferase) (Flavin adenine dinucleotide synthase) [Includes: Molybdenum cofactor biosynthesis protein-like region, FAD synthase region],FUNCTION: Catalyzes the adenylation of flavin mononucleotide (FMN) to form flavin adenine dinucleotide (FAD) coenzyme. {ECO:0000250}.

Molecular Weight:

54.8 kDa

UniProt:

[Q8R123](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. 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