

Datasheet for ABIN7560213
DARS Protein (AA 1-501) (His tag)



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Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | DARS |
| Protein Characteristics: | AA 1-501 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This DARS protein is labelled with His tag. |

Product Details

| | |
|--------------|---|
| Purpose: | Custom-made recombinant Dars1 Protein expressed in mammalian cells. |
| Sequence: | MPSTNASRKG QEKPREIVDA AEDYAKERYG ISSMIQSQEK PDRVLVRVKD LTVQKADDVV WVRARVHTSR AKGKQCFLVL RQQQFNVQAL VAVGDHASKQ MVKFAANINK ESIIDVEGVV RKVNQKIGSC TQQDVELHVQ KIYVISLAEP RLPLQLDDAI RPEVEGEEDG RATVQNQDTRL DNRVIDLRTS TSQAIFRLQS GICHLFRETL INKGFVEIQT PKIISAASEG GANVFTVSYF KNNAYLAQSP QLYKQMCICA DFEKVFCIGP VFRAEDSNTH RHLTEFVGLD IEMAFNYHYH EVVEEADTL VQIFKGLQER FQTEIQTVSK QFPCEPFKFL EPTLRLEYCE ALAMLREAGV EMDDEEDLST PNEKLLGRLV KEKYDTDFYV LDKYPLAVRP FYTMPDPRNP KQSNSYDMFM RGEEILSGAQ RIHDPQLLTE RALHHGIDLE KIKAYIDFSR FGAPPHAGGG IGLERVTMLF LGLHNVRQTS MFPRDPKRLT 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. |
| 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:

DARS

Alternative Name:

Dars1 ([DARS Products](#))

Background:

Aspartate--tRNA ligase, cytoplasmic (EC 6.1.1.12) (Aspartyl-tRNA synthetase) (AspRS),FUNCTION: Catalyzes the specific attachment of an amino acid to its cognate tRNA in a 2 step reaction: the amino acid (AA) is first activated by ATP to form AA-AMP and then transferred to the acceptor end of the tRNA. {ECO:0000250|UniProtKB:P15178}.

Molecular Weight:

57.1 kDa

UniProt:

[Q922B2](#)

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 |