

Datasheet for ABIN7546960  
**DALRD3 Protein (AA 1-543) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	DALRD3
Protein Characteristics:	AA 1-543
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DALRD3 protein is labelled with His tag.

## Product Details

Purpose: Custom-made recombinant DALRD3 Protein expressed in mammalian cells.

Sequence: MATRR LGVGE TLGALNAALG PGGPVWIKET RTRHLRSRDF LAPHRALQAR FDDGQVPEHL  
LHALACLQGP GVAPVLR CAP TPAGLSLQLQ RSAVFERVLS AVAAAYATPAS PASLGQRVLL  
HCPALRSSPC ALRLSQLRTV LVADHLARAL RAHGVCVRLV PAVRDPHMLT FLQQLRVDWP  
AASERASSHT LRSHALEELT SANDGRTLSP GILGRLCLKE LVEEQGRTAG YDPNLDNCLV  
TEDLLSVLAE LQEALWHWPE DSHPGLAGAS DTGTGGCLVV HVVSCEEEFQ QKLDLLWQK  
LVDKAPLRQK HLICGPV KVA GAPGTLMTAP EYEF RHTQV CKASALKHGG DLAQDPAWTE  
IFGVLSVATI KFEMLSTAPQ SQLFLALADS SISTKGTKSG TFVMYNCARL ATLFESYKCS  
MEQGLYPTFP PVSSLD FSL L HDEGEWLLLF NSILPFPDLL SRTAVLDCTA PGLHIAVRTE  
MICKFLVQLS MDFSSY YNRV HILGEPRPHL FGQMFVRLQL LRAREVLHT GLAMLGLPPL SHI

**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.**

## Product Details

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**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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**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.

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**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** DALRD3

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**Alternative Name:** DALRD3 ([DALRD3 Products](#))

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**Background:** DALR anticodon-binding domain-containing protein 3,FUNCTION: Involved in tRNA methylation. Facilitates the recognition and targeting of tRNA(Arg)(CCU) and tRNA(Arg)(UCU) substrates for N(3)-methylcytidine modification by METTL2A and METTL2B. {ECO:0000269|PubMed:32427860}.

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**Molecular Weight:** 59.4 kDa

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**UniProt:** [Q5D0E6](#)

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## Application Details

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**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.

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## Application Details

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Restrictions: For Research Use only

## Handling

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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