

Datasheet for ABIN7560092  
**DUS3L Protein (AA 1-637) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DUS3L
Protein Characteristics:	AA 1-637
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DUS3L protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Dus3l Protein expressed in mammalian cells.
Sequence:	<p>MAETAAESGG GGDSGVGACE RGVAPIKAQY RTTKERFHEY LDGDKQEGAC QEVPTGDPAE</p> <p>PGAKRIRLED GQENGKTEVA IESRERQVPK RARGQNKSRP HVKPAHYDKD RLCPSFLQEP</p> <p>ATPCAFGDRC RFLHDVGRYL ETKPADLGPR CVLFETFGRC PFSMTCRFAG AHLGPEGQNL</p> <p>VQEEVVARCA QLPSVRNGLD RALQQQLRKR QVCFERAEQA LNRLTQSPMP TVVPETTVAM</p> <p>ATPKQNSCHA QLDTVGGAGT PQSSPVPTCG PLTDEDVIRL RPCEKKRLDI SGKLYLAPLT</p> <p>TCGNLPFRR I CKRFADVTC GEMAVCTNLL QGQMSEWALL KRHPCEDIFG VQLEGAFPDT</p> <p>MTKCAELLNR TIDVDFVDIN VGCPIDLVIK KGGGCGALMNR SAKFQQIVRG VNGVLDVPLT</p> <p>VKMRTGVQER VSLAHRLLPE LRDWGVALVT LHGRSREQRY TRLADWPYIE QCAKVASMP</p> <p>LFGNGDILSF EDANCAVMTG VAGIMVARGA LLKPWLFTEI KEQRHWDISS SERLDILRDF</p> <p>THYGLEHWGS DTQGVETRR FLLEWLSFLC RYVPVGLLER PPQRINERPP YYLGRDYLET</p> <p>LMASQQAADW IRISEMLLGP VPPGFVFLPK HKANAYK <b>Sequence without tag. The proposed</b></p>

**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:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	DUS3L
Alternative Name:	Dus3l ( <a href="#">DUS3L Products</a> )
Background:	TRNA-dihydrouridine(47) synthase [NAD(P)(+)]-like (EC 1.3.1.89) (mRNA-dihydrouridine synthase DUS3L) (EC 1.3.1.-) (tRNA-dihydrouridine synthase 3-like),FUNCTION: Catalyzes the synthesis of dihydrouridine, a modified base, in various RNAs, such as tRNAs, mRNAs and some long non-coding RNAs (lncRNAs). Mainly modifies the uridine in position 47 (U47) in the D-loop of most cytoplasmic tRNAs. Also able to mediate the formation of dihydrouridine in some mRNAs, thereby regulating their translation. {ECO:0000250 UniProtKB:Q96G46}.
Molecular Weight:	71.1 kDa
UniProt:	<a href="#">Q91X11</a>

## 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.
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Restrictions:	For Research Use only
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## 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