

Datasheet for ABIN7557843
GAPDHS Protein (AA 1-440) (His tag)



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Overview

Quantity:	1 mg
Target:	GAPDHS
Protein Characteristics:	AA 1-440
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GAPDHS protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Gapdhs Protein expressed in mammalien cells.
Sequence:	<p>MSRRDWLTN VTVVQLRRDR CPCPCPCPCP CPCPVIRPPP PKLEDPPPTV EEQPPPPPPP</p> <p>PPPPPPPPPP PPPQIEPKF EEAPPPPPPP PPPPPPPPPP LQKPARELTV GINGFGRIGR</p> <p>LVLRVCMKEG IRVVAVNDPF IDPEYMVYMF KYDSTHGTRYK GNVEHKNGQL VVDNLEINTY</p> <p>QCKDPKEIPW SSIGNPYVVE CTGVYLSIEA ASAHISSGAR RVVVTAPSPD APMFVMGVNE</p> <p>KDYNPGSMTI VSNASCTTNC LAPLAKVIHE NFGIVEGLMT TVHSYTATQK TVDGPSKKDW</p> <p>RGGRGAHQNI IPSSTGAACA VGKVIPELKG KLTGMAFRVP TPNVSVVDLT CRLAKPASYS</p> <p>AITEAVKAAA KGPLAGILAY TEDQVVSTDF NGNPHSSIFD AKAGIALNDN FVKLVAWYDN</p> <p>EYGYSNRVVD LLRYMFSREK 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:	Key Benefits:

Product Details

- 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, Western Blot

Grade: custom-made

Target Details

Target: GAPDHS

Alternative Name: Gapdhs ([GAPDHS Products](#))

Background: Glyceraldehyde-3-phosphate dehydrogenase, testis-specific (EC 1.2.1.12) (Spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2) (GAPDH-2) (Spermatogenic glyceraldehyde-3-phosphate dehydrogenase),FUNCTION: May play an important role in regulating the switch between different pathways for energy production during spermiogenesis and in the spermatozoon. Required for sperm motility and male fertility. {ECO:0000269|PubMed:15546993}.

Molecular Weight: 47.7 kDa

UniProt: [Q64467](#)

Pathways: [Regulation of Carbohydrate Metabolic Process](#)

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

Application Details

	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