

Datasheet for ABIN7559063
ENO4 Protein (AA 1-619) (His tag)



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Overview

Quantity:	1 mg
Target:	ENO4
Protein Characteristics:	AA 1-619
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENO4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Eno4 Protein expressed in mammalian cells.
Sequence:	<p>MGDEDGRRG GITRDLQKLK QQAMAYYQEN DVPRKLEDLL NSTFYLQPAD VYGHKANYF SKLAKPPSIC KIVGKTILDG LGLPTLQVEI SCTIQNFPKY ICAVAIPTHF EVVENALPEA LDAEDSERAQ AVNTAVQWIN QSITEELWGL VPSNQAEDVDH RLRTFFEHKV QEDKERKELE KSQEELVPAP PPVTLPPPPP PPPPPPSKKK GQKAGRRDTL LEKPVSPPEP PEPVLHGSM IGAVSLAVAK ASATLASDPL YLTLASLKHD QEQPSTFSMP LLMGSVLSCG KSSPGKLHLM KEVICIPSPG LTAKQSVELL LEIQQVNRA METLPPPKQE TTKGHNGSKR AQPPITGKVS HLGCLTINYD AIEQPLLLLQ GICSNLGLEL GVNFLHAINC AGHELMDYSK GKYEVMVGTH KSAEMVELY VDLINKYPSI IALIDPFRKE DAEQWDSLYA ALASRCYLIA GAAGSVSKL LECRNISTLK SHGLIKHTN QTTMSDLVEI THLINGKLL AVFGSTDSES SDDSLVDLAV GFGARFIKLG GLSRGERMTK YNRLLAIEEE LIQRGVWGFS EEHNFSFFQE DATATMAEET LGLLDSIFPT EVIEESAKT Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</p>

Product Details

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 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: ENO4

Alternative Name: Eno4 ([ENO4 Products](#))

Background: Enolase 4 (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase),FUNCTION: Required for sperm motility, function and male fertility. May be involved in the normal assembly of the sperm fibrous sheath and provides most of the enolase activity in sperm (PubMed:23446454). {ECO:0000269|PubMed:23446454}.

Molecular Weight: 67.9 kDa

UniProt: [Q8C042](#)

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
