

Datasheet for ABIN7547391

ENOSF1 Protein (AA 1-443) (His tag)



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Overview

Quantity:	1 mg
Target:	ENOSF1
Protein Characteristics:	AA 1-443
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENOSF1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ENOSF1 Protein expressed in mammalian cells.
Sequence:	<p>MVRGRISRLS VRDVRFPTSL GGHGADAMHT DPDYSAAYVV IETDAEDGIK GCGITFTLGK</p> <p>GTEVVVCAVN ALAHHVLNKG LKDIVGDFRG FYRQLTSDGQ LRWIGPEKGV VHLATAAVLN</p> <p>AVWDLWAKQE GKPVWKLVD MDPRMLVSCI DFRYITDVL EEDALEILQK GQIGKKEREK</p> <p>QMLAQGYPAY TTSCAWLGYS DDTLKQLCAQ ALKDGWTRFK VKVGADLQDD MRRCQIIRDM</p> <p>IGPEKTLMMMD ANQRWDVPEA VEWMSKLAKF KPLWIEPTS PDDILGHATI SKALVPLGIG</p> <p>IATGEQCHNR VIFKQLLQAK ALQFLQIDSC RLGSVNENLS VLLMAKKFEI PVCPHAGGVG</p> <p>LCELVQHLII FDYISVSASL ENRVCEYVDH LHEHFKYPVM IQRASYMPPK DPGYSTEMKE</p> <p>ESVKKHQYPD GEVWKKLLPA QEN 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>
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.

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• 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). <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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	ENOSF1
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Alternative Name:	ENOSF1 (ENOSF1 Products)
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Background:	Mitochondrial enolase superfamily member 1 (EC 4.2.1.68) (Antisense RNA to thymidylate synthase) (rTS) (L-fuconate dehydratase),FUNCTION: Plays a role in the catabolism of L-fucose, a sugar that is part of the carbohydrates that are attached to cellular glycoproteins. Catalyzes the dehydration of L-fuconate to 2-keto-3-deoxy-L-fuconate by the abstraction of the 2-proton to generate an enediolate intermediate that is stabilized by the magnesium ion (PubMed:24697329). {ECO:0000269 PubMed:24697329}.
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Molecular Weight:	49.8 kDa
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UniProt:	Q7L5Y1
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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.
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Application Details

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