

Datasheet for ABIN7548671
JAZF1 Protein (AA 1-243) (His tag)



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Overview

Quantity:	1 mg
Target:	JAZF1
Protein Characteristics:	AA 1-243
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This JAZF1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat JAZF1 Protein expressed in mammalian cells.
Sequence:	<p>MTGIAAASFF SNTCRFGGCG LHFPTLADLI EHIEDNHIDT DPRVLEKQEL QQPTYVALSY INRFMTDAAR REQESLKKKI QPKLSLTLSV SVSRGNVSTP PRHSSGSLTP PVTTPITPSS SFRSSTPTGS EYDEEEVDYE ESDSDESWTT ESAISSEAIL SSMCMNGGEE KPFACPVPGC KKRYKNVNGI KYHAKNGHRT QIRVRKPFKC RCGKSYKTAQ GLRHHTINFH PPVSAEIIRK MQQ</p> <p>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.</p> <p>In case you have a special request, please contact us.</p>
Characteristics:	<p>Key Benefits:</p> <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

Product Details

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
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Grade:	custom-made
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Target Details

Target:	JAZF1
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Alternative Name:	JAZF1 (JAZF1 Products)
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Background:	Juxtaposed with another zinc finger protein 1 (TAK1-interacting protein 27) (Zinc finger protein 802),FUNCTION: Acts as a transcriptional corepressor of orphan nuclear receptor NR2C2 (PubMed:15302918). Inhibits expression of the gluconeogenesis enzyme PCK2 through inhibition of NR2C2 activity (By similarity). Also involved in transcriptional activation of NAMPT by promoting expression of PPARA and PPARD (By similarity). Plays a role in lipid metabolism by suppressing lipogenesis, increasing lipolysis and decreasing lipid accumulation in adipose tissue (By similarity). Plays a role in glucose homeostasis by improving glucose metabolism and insulin sensitivity (By similarity). {ECO:0000250 UniProtKB:Q80ZQ5, ECO:0000269 PubMed:15302918}.
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Molecular Weight:	27.1 kDa
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UniProt:	Q86VZ6
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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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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