

Datasheet for ABIN7547692

## FATE1 Protein (AA 1-183) (His tag)



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### Overview

Quantity:	1 mg
Target:	FATE1
Protein Characteristics:	AA 1-183
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FATE1 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant FATE1 Protein expressed in mammalian cells.
Sequence:	<p>MAGGPPNTKA EMEMSLAEEL NHGRQGENQE HL VIAEMMEL GSR SRGASQK KQKLEQKAAG  SASAKRVWNM TATRPKKMGS QLPKPRMLRE SGH GDAHLQE YAGNFQGIRF HYDRNPGTDA  VAQTSLEEFN VLEMEVMRRQ LYAVNRRLLRA LEEQGATWRH RETLI IAVLV SASIANLWLW MNQ</p> <p><b>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.</b></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.
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</li> </ul>

## 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	FATE1
Alternative Name:	FATE1 ( <a href="#">FATE1 Products</a> )
Background:	Fetal and adult testis-expressed transcript protein (Cancer/testis antigen 43) (CT43) (Tumor antigen BJ-HCC-2),FUNCTION: Involved in the regulation of endoplasmic reticulum (ER)-mitochondria coupling. Negatively regulates the ER-mitochondria distance and Ca(2+) transfer from ER to mitochondria possibly implicating it in the regulation of apoptosis (PubMed:27402544). May collaborate with RNF183 to restrain BIK protein levels thus regulating apoptotic signaling (PubMed:26567849). {ECO:0000269 PubMed:27402544, ECO:0000305 PubMed:26567849}.
Molecular Weight:	20.7 kDa
UniProt:	<a href="#">Q969F0</a>

## 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

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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