

[Go to Product page](#)

Datasheet for ABIN7547835  
**FUNDC2 Protein (AA 1-189) (His tag)**

## Overview

Quantity:	1 mg
Target:	FUNDC2
Protein Characteristics:	AA 1-189
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FUNDC2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant FUNDC2 Protein expressed in mammalian cells.
Sequence:	METSAPRAGS QVVATTARHS AAYRADPLRV SSRDKLTEMA ASSQGNFEGN FESLDLAEFA KKQPWWRKLF GQESGPSAEK YSVATQLFIG GVTGWCTGFI FQKVGKLAAT AVGGGFLLQ LANHTGYIKV DWQRVEKDMK KAKEQLKIRK SNQIPTEVRS KAEVVSFVK KNVLVTGGFF GGFLLGMAS <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>
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: <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:	FUNDC2
---------	--------

---

Alternative Name:	FUNDC2 ( <a href="#">FUNDC2 Products</a> )
-------------------	--

---

Background:	<p>FUN14 domain-containing protein 2 (Cervical cancer proto-oncogene 3 protein) (HCC-3) (Hepatitis C virus core-binding protein 6),FUNCTION: Binds directly and specifically 1,2-Diacyl-sn-glycero-3-phospho-(1'-myo-inositol-3',4',5'-bisphosphate) (PIP3) leading to the recruitment of PIP3 to mitochondria and may play a role in the regulation of the platelet activation via AKT/GSK3B/cGMP signaling pathways (PubMed:29786068). May act as transcription factor that regulates SREBP1 (isoform SREBP-1C) expression in order to modulate triglyceride (TG) homeostasis in hepatocytes (PubMed:29187281, PubMed:25855506).</p> <p>{ECO:0000269 PubMed:25855506, ECO:0000269 PubMed:29187281, ECO:0000269 PubMed:29786068}.</p>
-------------	--

---

Molecular Weight:	20.7 kDa
-------------------	----------

---

UniProt:	<a href="#">Q9BWH2</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.
--------------------	---

---

## 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