

[Go to Product page](#)

Datasheet for ABIN7547806  
**FRG1 Protein (AA 1-258) (His tag)**

## Overview

Quantity:	1 mg
Target:	FRG1
Protein Characteristics:	AA 1-258
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FRG1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat FRG1 Protein expressed in mammalien cells.
Sequence:	MAEYSYVKST KLV LKGT KTK SKKKKSKDKK RKREDEETQ LDIVGIWWTV TNFGEISGTI AIEMDKGT YI HALDNGLFTL GAPHKEVDEG PSPPEQFTAV KLSDSRIALK SGYGKYLGIN SDGLVVGRSD AIGPREQWEP VFQNGKMALL ASNSCFIRC N EAGDIEAKSK TAGEEEMIKI RSCAERETKK KDDIPEEDKG NVKQCEINYV KKFQSFQDHK LKISKEDSKI LKKARKDGFL HETLLDRRAK LKADRYCK <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>
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 mammalien 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, Western Blot

Grade: custom-made

## Target Details

---

Target: FRG1

Alternative Name: FRG1 ([FRG1 Products](#))

Background: Protein FRG1 (FSHD region gene 1 protein),FUNCTION: Binds to mRNA in a sequence-independent manner. May play a role in regulation of pre-mRNA splicing or in the assembly of rRNA into ribosomal subunits. May be involved in mRNA transport. May be involved in epigenetic regulation of muscle differentiation through regulation of activity of the histone-lysine N-methyltransferase KMT5B. {ECO:0000269|PubMed:11991638, ECO:0000269|PubMed:15060122, ECO:0000269|PubMed:20970242, ECO:0000269|PubMed:21699900, ECO:0000269|PubMed:23720823}.

Molecular Weight: 29.2 kDa

UniProt: [Q14331](#)

## 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.

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