

Datasheet for ABIN7557631  
**REEP5 Protein (AA 1-185) (His tag)**



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## Overview

Quantity:	1 mg
Target:	REEP5
Protein Characteristics:	AA 1-185
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This REEP5 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Reep5 Protein expressed in mammalian cells.
Sequence:	<p>MRERFDRFLH EKNCMTDLLA KLEAKTGVNR SFIALGVIGL VALYLVFGYG ASLLCNLIGF  GYPAYISMKA IESPNKDDDT QWLTYWVVYG VFSIAEFFSD LFLSWLPFY MLKCGFLLWC  MAPSPANGAE MLYRRIIRPI FLRHESQVDS VVKDVKDKAK ETADAISKEV KKATVNLLGD VKKST</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

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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

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Target:	REEP5
Alternative Name:	Reep5 ( <a href="#">REEP5 Products</a> )
Background:	Receptor expression-enhancing protein 5 (GP106) (Polyposis locus protein 1 homolog) (Protein TB2 homolog),FUNCTION: Plays an essential role in heart function and development by regulating the organization and function of the sarcoplasmic reticulum in cardiomyocytes. {ECO:0000269 PubMed:32075961}.
Molecular Weight:	21.1 kDa
UniProt:	<a href="#">Q60870</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

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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

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