

Datasheet for ABIN7551322

## Receptor Accessory Protein 1 Protein (REEP1) (AA 1-201) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	Receptor Accessory Protein 1 (REEP1)
Protein Characteristics:	AA 1-201
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Receptor Accessory Protein 1 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant REEP1 Protein expressed in mammalian cells.
Sequence:	MVSWIISRLV VLIFGTLYPA YYSYKAVKSK DIKEYVKWMM YWIIFALFTT AETFTDIFLC WFPFYYELKI AFVAWLLSPY TKGSSLLYRK FVHPTLSSKE KEIDDCLVQA KDRSYDALVH FGKRGLNVAA TAAVMAASKG QGALSERLRS FSMQDLTTIR GDGAPAPSGP PPPGSGRASG KHGQPKMSRS ASESASSSGT A <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

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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.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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## Target Details

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Target:	Receptor Accessory Protein 1 (REEP1)
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Alternative Name:	REEP1 ( <a href="#">REEP1 Products</a> )
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Background:	Receptor expression-enhancing protein 1 (Spastic paraplegia 31 protein),FUNCTION: Required for endoplasmic reticulum (ER) network formation, shaping and remodeling, it links ER tubules to the cytoskeleton. May also enhance the cell surface expression of odorant receptors (PubMed:20200447). May play a role in long-term axonal maintenance (PubMed:24478229). {ECO:0000269 PubMed:20200447, ECO:0000269 PubMed:24478229}.
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Molecular Weight:	22.3 kDa
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UniProt:	<a href="#">Q9H902</a>
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## 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.
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
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## Handling

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months