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Datasheet for ABIN7548164  
**GRXCR2 Protein (AA 1-248) (His tag)**

## Overview

Quantity:	1 mg
Target:	GRXCR2
Protein Characteristics:	AA 1-248
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRXCR2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant GRXCR2 Protein expressed in mammalian cells.
Sequence:	MEDPEKCLNQ KSDGKPRKVR FKISSYSYSGR VLKQVFEDGQ ELESPKEEYP HSFLQESLET MDGVYGSGEV PRPQMCS PKL TAQRISVFRE GNAYTLAGGQ PRFN DYKAND HKPLPIIDFG KIIITYNNLK IIRTPMDKRD FVRKILQKEE EEEEESLMNK EESYGGRDQH DRPLVEAEST LPQNR YTQEG DIPEDSCFHC RGSGSATCSL CHGSKFSMLA NRFKESYRAL RCPACNENGL QPCQICNQ <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></ul>

## Product Details

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- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and 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)
Grade:	custom-made

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## Target Details

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Target:	GRXCR2
Alternative Name:	GRXCR2 ( <a href="#">GRXCR2 Products</a> )
Background:	Glutaredoxin domain-containing cysteine-rich protein 2 (GRXCR1-like protein) (Glutaredoxin domain-containing cysteine-rich protein 1-like protein),FUNCTION: Could play a role in maintaining cochlear stereocilia bundles that are involved in sound detection. {ECO:0000269 PubMed:24619944}.
Molecular Weight:	28.3 kDa
UniProt:	<a href="#">A6NFK2</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.
Restrictions:	For Research Use only

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## 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