

Datasheet for ABIN7565010  
**RNF6 Protein (AA 1-667) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RNF6
Protein Characteristics:	AA 1-667
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNF6 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Rnf6 Protein expressed in mammalian cells.
Sequence:	<p>MDPSRSRSGG SGEESFQEN ERRWQQLRH REEAYYQFIN ELSDEYRLM RDHNLLGTPG  EITSEELQQR LERAKEQLAS QPGSDSAASD GDSLSRAHS DEDSLRLWN TFRRTGNVTR  SGQNGNQSWR AVSRTNPNSG EFGFSLEIHI NPDNRGSEMH GEDSTDIPLS GVNREHRQQR  PSSPVARRTR SQTSMSSSGP RRRRGARRQG SVQGSFATLG RLRNGIGVAL GVPRVSAPRT  NVINSHTNQS DGSTLRQGGG QRFGAAHIWE NGARSNVTVR NTNQRLEPIR LRPAFSSRSR  SPIQRQNGTV HHNSQRQGRP VQQTGRNRSV RHRGVTRVFL EQGREHRGTD YTPLSNSRLV  SRITVEEGES SRSSAATQRH PAITLDLQVR RIRPGETRDR DSIANRTRSR AGLAESTVES  TSGGFHRTIS HLERSGVRTY VSTITVPLRR ISENDVVEPS SVALRSILRQ IMTGFGELSS  LMEVEPASEN QSNGQRLPEV YLELSNGDAA DDSGQHGRAS SQASQAQDGA EMLAVREPAP  PQARPSGSRS RRQLGRADSV VEAGTLPILR LAHFFLLNEG DDDPIRGLTK EQIDNLSTRS  YEQDGVDSSEL GKVCVCISD YVAGNKLRL PCLHEFHIHC IDRWLSENCT CPVCRRPVLE  FGATSSG <b>Sequence without tag. The proposed Purification-Tag is based on experiences</b></p>

**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.**

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 transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	RNF6
Alternative Name:	Rnf6 ( <a href="#">RNF6 Products</a> )
Background:	E3 ubiquitin-protein ligase RNF6 (EC 2.3.2.27) (RLIM-like protein),FUNCTION: E3 ubiquitin-protein ligase mediating 'Lys-48'-linked polyubiquitination of LIMK1 and its subsequent targeting to the proteasome for degradation (PubMed:16204183). Negatively regulates axonal outgrowth through regulation of the LIMK1 turnover (PubMed:16204183). Mediates 'Lys-6' and 'Lys-27'-linked polyubiquitination of AR/androgen receptor thereby modulating its transcriptional activity (By similarity). May also bind DNA and function as a transcriptional regulator (PubMed:11971979). Mediates polyubiquitination of QKI in macrophages, leading to its degradation (PubMed:36088389). {ECO:0000250 UniProtKB:Q9Y252, ECO:0000269 PubMed:11971979, ECO:0000269 PubMed:16204183,

## Target Details

	ECO:0000269 PubMed:36088389}.
Molecular Weight:	74.1 kDa
UniProt:	<a href="#">Q9DBU5</a>
Pathways:	<a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a> , <a href="#">Regulation of Cell Size</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.
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