

Datasheet for ABIN7559597
RNF183 Protein (AA 1-190) (His tag)



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Overview

Quantity:	1 mg
Target:	RNF183
Protein Characteristics:	AA 1-190
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNF183 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Rnf183 Protein expressed in mammalian cells.
Sequence:	MSEPQGQELR AECPVCWNPf NNTFHTPKVL DCCHSFCVEC LAHLSLVTPA RRRLLCPLCR QPTVLASGQP VTDLPTDTAM LTLRLLEPHH VILEGHQLCL KDQPKSRYFL RQPRVYTLDL GAEPGSQTGL PQDTAPDTRP VPIPSHYSLR ECVRNPHFRI FAYLMAVILS VTLLLIFSIF WTKQFFWGMG 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.
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">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	RNF183
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Alternative Name:	Rnf183 (RNF183 Products)
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Background:	E3 ubiquitin-protein ligase RNF183 (EC 2.3.2.27),FUNCTION: Acts as an E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins (PubMed:29300766). Triggers apoptosis in response to prolonged ER stress by mediating the polyubiquitination and subsequent proteasomal degradation of BCL2L1 (By similarity). May collaborate with FATE1 to restrain BIK protein levels thus regulating apoptotic signaling (By similarity). {ECO:0000250 UniProtKB:Q96D59, ECO:0000269 PubMed:29300766}.
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Molecular Weight:	21.6 kDa
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UniProt:	Q8QZS5
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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.
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Restrictions:	For Research Use only
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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