Datasheet for ABIN7554779

NRBF2 Protein (AA 1-287) (His tag)

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Overview

Quantity:	1 mg
Target:	NRBF2
Protein Characteristics:	AA 1-287
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NRBF2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat NRBF2 Protein expressed in mammalien cells.
Sequence:	MEVMEGPLNL AHQQSRRADR LLAAGKYEEA ISCHKKAAAY LSEAMKLTQS EQAHLSLELQ RDSHMKQLLL IQERWKRAQR EERLKAQQNT DKDAAAHLQT SHKPSAEDAE GQSPLSQKYS PSTEKCLPEI QGIFDRDPDT LLYLLQQKSE PAEPCIGSKA PKDDKTIIEE QATKIADLKR HVEFLVAENE RLRKENKQLK AEKARLLKGP IEKELDVDAD FVETSELWSL PPHAETATAS STWQKFAANT GKAKDIPIPN LPPLDFPSPE LPLMELSEDI LKGFMNN **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.**
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts.

Product Details

	• Protein expressed in mammalien 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.
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	NRBF2
Alternative Name:	NRBF2 (NRBF2 Products)
Background:	Nuclear receptor-binding factor 2 (NRBF-2) (Comodulator of PPAR and RXR),FUNCTION: May modulate transcriptional activation by target nuclear receptors. Can act as transcriptional activator (in vitro). {ECO:0000269|PubMed:15610520}., FUNCTION: Involved in starvation-induced autophagy probably by its association with PI3K complex I (PI3KC3-C1). However, effects has been described variably. Involved in the induction of starvation-induced autophagy (PubMed:24785657). Stabilzes PI3KC3-C1 assembly and enhances ATG14-linked lipid kinase activity of PIK3C3 (By similarity). Proposed to negatively regulate basal and starvation-induced autophagy and to inhibit PIK3C3 activity by modulating interactions in PI3KC3-C1 (PubMed:25086043). May be involved in autophagosome biogenesis (PubMed:25086043). May play a role in neural progenitor cell survival during differentiation (By similarity). {ECO:0000250|UniProtKB:Q8VCQ3, ECO:0000269|PubMed:24785657, ECO:0000269|PubMed:25086043}.
Molecular Weight:	32.4 kDa
UniProt:	Q96F24

Target Details

Pathways:	Nuclear Receptor Transcription Pathway

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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

