

Datasheet for ABIN7556401
NET1 Protein (AA 1-595) (His tag)



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Overview

Quantity:	1 mg
Target:	NET1
Protein Characteristics:	AA 1-595
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NET1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Net1 Protein expressed in mammalian cells.
Sequence:	<p>MEPEPAAQKQ PRPRRRSRRV SMLSEEPAAQ LPADTPGPAA NERCSLRRGS SFTFLTPGPH</p> <p>WDFTLKRKRK EKDDDAVSLS SLDLKEPSNK RVRPLARVTS LANLISPV RN GAVRRFGQTI</p> <p>QSFTLRGDHR SPASAKSFS RSTVPTPTKR RSSALWSEML DINMKESLTT REIKRQEAIY</p> <p>ELSRGEQDLI EDLKLARKAY HDPMLKLSIM SEEELTHIFG DLDAIYPLHE DLLARIGEAT</p> <p>KPDGTVEQIG HILVNWLPGL NAYRGYCSNQ LAAKALLDQK KQDPRVQDFL QRCLESPFSR</p> <p>KLDLWSFLDI PRSRLVKYPL LLKEILRH TP KDHRDVQLLE EAILIQGVL SDINLKKGES</p> <p>ECQYYINKLE YLDEKQKDPR IEASKVLLCH GELKNKSGHK LYIFLFQDIL VLTRPVTRNE</p> <p>RHLYQVYRQP IPVQELVLED LQGDV RMGG SFRGAFGNSD KAKNIFRVRF QDPSPGHSHT</p> <p>LQANDVFHKQ QWFNCIRAAI APFQRAASPL ELQGLPDLHE ECEENNPSAG NLRAQRRSCV</p> <p>VPGVMQIDEE SALDCGSSVQ TVEDTRNMKA QRPQPLRRA RDKAQSGGKK KETLV Sequence</p> <p>without tag. The proposed Purification-Tag is based on experiences with the expression</p>

system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:	<p>Key Benefits:</p> <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 transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <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, Western Blot
Grade:	custom-made

Target Details

Target:	NET1
Alternative Name:	Net1 (NET1 Products)
Background:	Neuroepithelial cell-transforming gene 1 protein (Rho guanine nucleotide exchange factor 8),FUNCTION: Acts as a guanine nucleotide exchange factor (GEF) for RhoA GTPase. May be involved in activation of the SAPK/JNK pathway. Stimulates genotoxic stress-induced RHOB activity in breast cancer cells leading to their cell death. {ECO:0000269 PubMed:9670022}.
Molecular Weight:	67.7 kDa
UniProt:	Q9Z206
Pathways:	Neurotrophin Signaling 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.
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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