

Datasheet for ABIN7548612

## MYORG/KIAA1161 Protein (AA 1-714) (His tag)



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### Overview

Quantity:	1 mg
Target:	MYORG/KIAA1161 (MYORG)
Protein Characteristics:	AA 1-714
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MYORG/KIAA1161 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat MYORG Protein expressed in mammalian cells.
Sequence:	<p>MLQNPQEKSQ AYPRRRRPGC YAYRQNPEAI AAAAMYTFLP DNFSPAKPKP SKDLKPLLGS</p> <p>AVLGLLLVLA AVVAWCYYSV SLRKAERLRA ELLDLKAGGF SIRQKGEQV FRLAFRSGAL</p> <p>DLDSCSRDGA LLGCSLTADG LPLHFFIQTV RPKDVTMCYR VRWEEAAPGR AVEHAMFLGD</p> <p>AAAHWYGGAE MRTQHWPIRL DGQEQPQPFV TSDVYSSDAA FGGILERYWL SSRAAAIKVN</p> <p>DSVPFHLGWN STERSLRLQA RYHDTYPKPP AGRAAAPELS YRVCVGSDVT SIHKYMVRRY</p> <p>FNKPSRVPAP EAFRDPIWST WALYGRAVDQ DKVLRFAQQI RLHHFNSSHL EIDDMYTPAY</p> <p>GDFDFDEVKF PNASDMFRRL RDAGFRVTLW VHPFVNYNSS RFGEGEREL FVREPTGRPL</p> <p>ALVRWWNGIG AVLDFTHPKA RDWFQGHLLR LRSRYSVASF KFDAGEVSYL PRDFSTYRPL</p> <p>PDPSVWSRRY TEMALPFFSL AEVRVGYQSQ NISCFRLVD RDSVWGYDLG LRSLIPAVLT</p> <p>VSMLGYPFIL PDMVGGNAVP QRTAGGDVPE RELYIRWLEV AAFMPAMQFS IPPWRYDAEV</p> <p>VAIAQKFAAL RASLVAPLLL ELAGEVTDGT DPVIRPLWWI APGDETAHRI DSQFLIGDTL</p>

LVAPVLEPGK QERDVYLPAG KWRSYKGELF DKTPVLLTDY PVDLDEIAYF TWAS **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:	<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>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	MYORG/KIAA1161 (MYORG)
Alternative Name:	MYORG ( <a href="#">MYORG Products</a> )
Background:	Myogenesis-regulating glycosidase (EC 3.2.1.-) (Uncharacterized family 31 glucosidase KIAA1161),FUNCTION: Putative glycosidase. Promotes myogenesis by activating AKT signaling through the maturation and secretion of IGF2. {ECO:0000250 UniProtKB:Q69ZQ1}.
Molecular Weight:	81.1 kDa
UniProt:	<a href="#">Q6NSJ0</a>
Pathways:	<a href="#">Skeletal Muscle Fiber Development</a>

## 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