

Datasheet for ABIN7558339
ACTR5 Protein (AA 1-605) (His tag)



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Overview

Quantity:	1 mg
Target:	ACTR5
Protein Characteristics:	AA 1-605
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACTR5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Actr5 Protein expressed in mammalien cells.
Sequence:	<p>MEANVFRFRD ARSAPDPVLE AGPVAFGSQP VPLVLDNGSF QARAGWACPG PDPGPEPRLQ FRAVCARGRG GARGGPGQV GNALGSLEPL RWMLRSPFDR NVPVNLELQE LLLDYSFQHL GVSSQGCVDH PIVLTEAVCN PLYSRQMMSE LLFECYRIPK VAYGIDSLFS FYHNVPKNAL SSGLISSGY QCTHILPVLE GRLEDAKNCKR INLGGSQAAG YLQRLQLKY PGHLAAITLS RMEEILQEHS YIAEDYGAEL QKWQCPDYYE NNVHKMQLPF SSKLLGSTLT AEEKQERRQQ QLRRQLQELNA RRREEKLQLD QERLERLLYV QELLEEGQMD QFHKALIELN MDSPEELQSY IQKLTlaveq AKQKILQAEA SLEVDVDSK PETPDLEPLE PTMEDVENIS DFEPLFSEET PEVEKPQVTT VQPVFNLAAY HQLSVGTERI RAPEIIFQPS LIGEEQAGIA ETLHFVLDRY PKAIQDTLVQ NVFLTGGNVM YPGMKARVEK ELLEMRPFQS SFVQQLASNP VLDAWYGARD WALDHLEDSG AWWTRKDYEE KGGEYLKEHC ASNTYVPIRL PKQASRASET QTSGRGSSAS GSGAG Sequence without tag. The proposed Purification-Tag is based on experiences with</p>

Product Details

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.
- 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).

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:

ACTR5

Alternative Name:

Actr5 ([ACTR5 Products](#))

Background:

Actin-related protein 5,FUNCTION: Proposed core component of the chromatin remodeling INO80 complex which is involved in transcriptional regulation, DNA replication and probably DNA repair. Involved in DNA double-strand break repair and UV-damage excision repair (By similarity). {ECO:0000250}.

Molecular Weight:

67.8 kDa

UniProt:

[Q80US4](#)

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

Application Details

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