

Datasheet for ABIN7552325
ACTR5 Protein (AA 1-607) (His tag)



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Overview

Quantity:	1 mg
Target:	ACTR5
Protein Characteristics:	AA 1-607
Origin:	Human
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 mammalian cells.
Sequence:	MAANVFPFRD ARAAPDPVLE AGPVAHGPLP VPLVLDNGSF QVRAGWACPG QDPGPEPRLQ FRAVCARGRG GARGASGPQV GNALGSLEPL RWMLRSPFDR NVPVNLELQE LLLDYSFQHL GVSSQGCVDH PIVLTEAVCN PLYSRQMMSE LLFECYGIPK VAYGIDSLFS FYHNKPKNSM CSGLIISGY QCTHVLPIL EGRDAKNCKR INLGGSQAAG YLQRLQLKY PGHLAAITLS RMEEILHEHS YIAEDYVEEL HKWRCPDY E NNVHKMQLPF SSKLLGSTLT SEEKQERRQQ QLRRLQELNA RRREEKLQLD QERLDRLLYV QELLEDGQMD QFHKALIELN MDSPEELQSY IQKLSIAVEQ AKQKILQAEV NLEVDVDSK PETPDLEQL E PSLEDVESMN DFDPLFSEET PGVEKPVTTV QPVFNLAAYH QLFVGTERIR APEIIFQPSL IGEEQAGIAE TLQYILDRYP KDIQEMLVQN VFLTGGNTMY PGMKARMEKE LLEMPPFRSS FQVQLASNPV LDAWYGARDW ALNHLDDNEV WITRKEYEEK GGEYLKEHCA SNIYVPIRLP KQASRSSDAQ ASSKGSAAAGG GGAGEQA Sequence without tag. The proposed Purification-Tag is based on experiences

Product Details

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.
- 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 (hARP5) (Sarcoma antigen NY-SAR-16),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. {ECO:0000269|PubMed:19014934, ECO:0000269|PubMed:20855601}.

Molecular Weight:

68.3 kDa

UniProt:

[Q9H9F9](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

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
