

Datasheet for ABIN7554160

INTS4 Protein (AA 1-963) (His tag)



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Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | INTS4 |
| Protein Characteristics: | AA 1-963 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This INTS4 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

| | |
|-----------|---|
| Purpose: | Custom-made recombinat INTS4 Protein expressed in mammalian cells. |
| Sequence: | <p>MAAHLKKRVY EEFTKVVQPQ EEIATKKLRL TKPSKSAALH IDLCKATSPA DALQYLLQFA</p> <p>RKPVEAESVE GVVRIILEHY YKENDPSVRL KIASLLGLLS KTAGFSPDCI MDDAINILQN</p> <p>EKSHQVLAQL LDTLLAIGTK LPENQAIQMR LVDVACKHLT DTSHGVRNKC LQLLGNLGSL</p> <p>EKSVTKDAEG LAARDVQKII GDYFSDQDPR VRTAAIKAML QLHERGLKLH QTIYNQACKL</p> <p>LSDDYEQVRS AAVQLIWVVS QLYPESIVPI PSSNEEIRLV DDAFGKICHM VSDGSWVVRV</p> <p>QAAKLLGSME QVSSHLEQT LDKKLMSDLR RKRTAHERAK ELYSSGEFSS GRKWGDDAPK</p> <p>EEVDTGAVNL IESGACGAFV HGLEDEMYEV RIAAVEALCM LAQSSPSFAE KCLDFLVDMF</p> <p>NDEIEEVRQL SIHTMRKISN NITLREDQLD TVLAVLEDSS RDIREALHEL LCCTNVSTKE</p> <p>GIHLALVELL KNLTKYPTDR DSIWKCLKFL GSRHPTLVLP LVPPELLSTHP FFDTAEPDMD</p> <p>DPAYIAVLVL IFNAAKTCPT MPALFSDHTF RHYAYLRDSL SHLVPALRLP GRKLVSSAVS</p> <p>PSIIPQEDPS QQFLQQSLER VYSLQHLDLPQ GAQELLEFTI RDLQRLGELQ SELAGVADFS</p> |

ATYLRQCQLLL IKALQEKLWN VAAPLYLKQS DLASAAKQI MEETYKMEFM YSGVENKQVV
IIHHMRLQAK ALQLIVTART TRGLDPLFGM CEKFLQEVDV FQRYFIADLP HLQDSFVDKL
LDLMPRLMTS KPAEVLKILQ TMLRQSAFLH LPLPEQIHKA SATIIEPAGE SDNPLRFTSG
LVVALDVDAT LEHVQDPQNT VKVQVLYPDG QAQMIHPKPA DFRNPGPGRH RLITQVYLSH
TAWTEACQVE VRLLLAYNSS ARIPKCPWME GGEMSPQVET SIEGTIPFSK PVKVYIMPKP ARR

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.
- 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:

INTS4

Alternative Name:

INTS4 ([INTS4 Products](#))

Background:

Integrator complex subunit 4 (Int4),FUNCTION: Component of the Integrator (INT) complex, a complex involved in the small nuclear RNAs (snRNA) U1 and U2 transcription and in their 3'-box-dependent processing. The Integrator complex is associated with the C-terminal domain (CTD) of RNA polymerase II largest subunit (POLR2A) and is recruited to the U1 and U2 snRNAs genes (Probable). Mediates recruitment of cytoplasmic dynein to the nuclear envelope,

Target Details

probably as component of the INT complex (PubMed:23904267).
{ECO:0000269|PubMed:23904267, ECO:0000305|PubMed:16239144}.

Molecular Weight: 108.2 kDa

UniProt: [Q96HW7](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

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