

Datasheet for ABIN7564596

## INTS4 Protein (AA 1-964) (His tag)



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### Overview

Quantity:	1 mg
Target:	INTS4
Protein Characteristics:	AA 1-964
Origin:	Mouse
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 EEFTKVQQQ QEEIATKKLR LTKPSKSAAL HIDLCKATSP ADALQYLLQF</p> <p>ARKPVEAESV EGVVRILLEH YYKENDPSVR LKIASLLGLL SKTAGFSPDC IMDDAINILQ</p> <p>NEKSHQVLAQ LLDTLAIGS KLPENQATQV RLVDVACKHL TDTSHGVRNK CLQLLGNLGS</p> <p>LEKSVTKDTE GSAARDVQKI IGDHFSDQDP RVRTAAIKAM LQLHERGLKL HQTINYQACK</p> <p>LLSDDYEQVR SAAVQLIWVW SQLYPESIVP IPSSNEEIRL VDDAFGKICH MVSDGSWVVR</p> <p>VQAAKLLGSM EQVSSHLEQ TLDKKLMSDL RKRRTAHERA KELYSSGEFS SGRKWGDDAP</p> <p>KKEIDTGAVN LIESGACGAF VHGLEDEMYE VRIAAVEALC MLAQSSPSFA EKCLDFLVDM</p> <p>FNDEIEEVRL QSIHTMRKIS NNITLREDQL DTVLAVLEDS SRDIREALHE LLCCTNVSTK</p> <p>EGIHLALVEL LKNLTKYPTD RDSIWKCLKF LGSRHPTLV LPLPELLSTH PFFDTAEPDM</p> <p>DDPAYIAVLV LIFNAAKTCP TMPALFSDHT LRHYAYLRDS LSHLVPALRL PGRKLVSSTV</p> <p>PSNITPHEDP SQQFLQQSLE RVYSVQHLDLP QGAQELLEFT IRDLQRLGEL QSELAGVADF</p>

SATYLQCQLL LIKALQEKLW NVAAPLYLKQ SDLASAAKQ IMEETYKMEF MYSGVENKQV  
VIIQHMLRQA KALQLIVTAR TTRGVDPLFG MCEKFLQEVD FFQRCFIADL PHLQDSFVDK  
LLDLMPLRLMA SKPVEVIKIL QTMLRQSTFL HLPLPEQIHK ASATIIEPAG ESDNPLRFTS  
GLVVALDVDA TLEHVQDPQN TVKVQVLYPD GQAQMIHPKP ADFRNPGPGR HRLLTQVYLS  
HTAWTEPCQV EVRLLLAYNS GARIPKSPWL EGSEMSPQVE TSIEGTIPFS KPVKVYIMPK PARR

**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:	INTS4
Alternative Name:	Ints4 ( <a href="#">INTS4 Products</a> )
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. Mediates recruitment of cytoplasmic dynein to the nuclear envelope, probably as

## Target Details

	component of the INT complex. {ECO:0000250 UniProtKB:Q96HW7}.
Molecular Weight:	108.2 kDa
UniProt:	<a href="#">Q8CIM8</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</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.
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