

Datasheet for ABIN7564260  
**INTS2 Protein (AA 1-1198) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	INTS2
Protein Characteristics:	AA 1-1198
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This INTS2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Ints2 Protein expressed in mammalien cells.
Sequence:	<p>MTPEGTGLQF VSPFAFEAMQ KVDVVRSLASL SDPELRLLLLP CLVRMALCAP ADQSQSWAQD            KKLILRLLSG VEAVNSIVAL LSVDFHALEQ DASKEQQLRH KLGGGSGESI LVSQQLHGLT            LEFEHSDSPR RLRLVSELL AIMNKVSECN GEFFFKSSEL FESAVYLEEA ADVLCILQAE            LPSSLPIVDV AEALLRVRNG AWFLCLLVAN VPDSFNEVCR GLIKNGERQD EESLGRRRT            DALRFLCRMN PSQALKVRGM VVEECHLPGL GVALTDHTK TEACEDGVSD LVCFVSGLLL            GTNAKVRTWF GTFIRNGQQR KRETSGSVLW QMRRQLLEL MGILPTVRST RIVEEADVEM            EPTVSVYSGL KEEHVVKASA LLRLYCALMG IAGLKPTEEE AEQLQLMTS RPPATPAGVR            FVSLSF CMLL AFSTLVSTPE QEQLMVLWLS WMIKEEAYFE STSGVSASFG EMLLLVAMYF            HSNQLSAIID LVCSTLGMKI VIKPSSLSRM KTIFTQEIFT EQVVTAAHAVR VPVTSNLSAN            ITGFLPIHCI YQLLRSRST KHKVSIKDWI YRQLCETSTP LHPQLLPLID VYINSILTPA            SKSNPEATNQ PVTEQEILNL FQEVIGGDSV RLTQRFSITA QLLVLYYILS YEEALLANTK</p>

## Product Details

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TLASMQRKPK SYSSSLMDQI PIKFLIRQAQ GLQQELGGLH SALLRLLATN YPHLCIVDDW  
ICEEEITGTD ALLRRMLLTS NAKTHSPKQL QEAFSAVPVS HTQVMQIMEH LTLLSASELI  
PYAEVLTSNM NQLLNSGVPR RILQTVNKLW MVLNTVMPPR LWVMTVNALQ PSIKFIRQQK  
YTQNDLMIDP LIVLRCDRRV HRCPPMLDVT LHMLNGYLLA SKAYLSAHLK ETAEQDRPSP  
NNTVGLVGQT DAPEVTREEL KNALLAAQDS AAVQILLEIC LPTEEEKAKG ANSDISLRNT  
QGVTTISTPS KETEEGEDNL LCNLREVQCL ICCLLHQMYI ADPNIAKLVH FQGYPCCELLP  
LTVAGIPSMH ICLDFIPELI AQPELEKQIF AIQLLSHLCI QYALPKSLSV ARLAVNVMGT  
LLTVLTQAKR YSFFMPTLPS LVSFCRAFPP LYEDIMSLLI QIGQVCASDV ATQTRDIDPI  
ITRLQQIKEK PSGWSQICKD PSYKNGSRDT GSMDPDVQLC HCIESTIIEI INMSVSGI **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.**

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### 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.

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Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

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## Target Details

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Target: INTS2

Alternative Name: Ints2 ([INTS2 Products](#))

Background: Integrator complex subunit 2 (Int2),FUNCTION: Component of the Integrator (INT) complex, a

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## Target Details

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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 component of the INT complex. {ECO:0000250|UniProtKB:Q9H0H0}.

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Molecular Weight: 133.5 kDa

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UniProt: [Q80UK8](#)

## Application Details

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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

## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months