

Datasheet for ABIN7554200

## INTS7 Protein (AA 1-962) (His tag)



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### Overview

Quantity:	1 mg
Target:	INTS7
Protein Characteristics:	AA 1-962
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This INTS7 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat INTS7 Protein expressed in mammalian cells.
Sequence:	<p>MASNSTKSFL ADAGYGEQEL DANSALMELD KGLRSGKLGE QCEAVVRFPR LFQKYPFPIL</p> <p>INSAFLKLAD VFRVGNNFLR LCVLKVTQQS EKHLEKILNV DEFVKRIFSV IHSNDPVARA</p> <p>ITLRMLGSLA SIIPERKNAH HSIRQSLDSH DNVEVEAAVF AAANFSAQSK DFAVGICNKI</p> <p>SEMIQGLATP VDLKLKLIPI LQHMHHDAIL ASSARQLLQQ LVTSYPSTKM VIVSLHTFTL</p> <p>LAASSLVDTP KQIQLLLQYL KNDPRKAVKR LAIQDLKLLA NKTPTWSRE NIQALCECAL</p> <p>QTPYDSLKLG MLSVLSTLSG TIAIKHYFSI VPGNVSSSPR SSDLVKLAQE CCYHNNRGIA</p> <p>AHGVRVLTNI TVSCQEKDLL ALEQDAVFGL ESSLVLCSDQ DSPGAQATLK IALNCMVKLA</p> <p>KGRPHLSQSV VETLLTQLHS AQDAARILMC HCLAAIAMQL PVLGDGMLGD LMELYKVIGR</p> <p>SATDKQELL VSLATVIFVA SQKALSVEK AVIKQQLSV SNGWTVYRIA RQASRMGNHD</p> <p>MAKELYQSLL TQVASEHFYF WLNSLKEFSH AEQCLTGLQE ENYSSALSCI AESLKFYHKG</p> <p>IASLTAASTP LNPLSFQCEF VKLRIDLLQA FSQLICTCNS LKTSPPPAIA TTIAMTLGND</p>

LQRCGRISNQ MKQSMEEFRS LASRYGDLYQ ASFDADSATL RNVELQQQSC LLISHAIEAL  
ILDPESASFQ EYGSTGTAHA DSEYERRMMS VYNHVLEEVE SLNRKYTPVS YMHTACLCNA  
IIALLKVPLS FQRYFFQKLQ STSIKLALSP SPRNPAEPIA VQNNQQLALK VEGVVQHGSK  
PGLFRKIQSV CLNVSSTLQS KSGQDYKIPI DNMTNEMEQR VEPHNDYFST QFLLNFAILG  
THNITVESSV KDANGIVWKT GPRTTIFVKS LEDPYSQQIR LQQQQAQQPL QQQQQRNAYT RF

**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>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	INTS7
Alternative Name:	INTS7 ( <a href="#">INTS7 Products</a> )
Background:	Integrator complex subunit 7 (Int7),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). Plays a role in DNA damage response (DDR) signaling during the S phase

## Target Details

(PubMed:21659603). May be not involved in the recruitment of cytoplasmic dynein to the nuclear envelope by different components of the INT complex (PubMed:23904267). {ECO:0000269|PubMed:21659603, ECO:0000269|PubMed:23904267, ECO:0000305|PubMed:16239144}.

Molecular Weight: 106.8 kDa

UniProt: [Q9NVH2](#)

## 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