

Datasheet for ABIN7548564
INTS12 Protein (AA 1-462) (His tag)



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Overview

Quantity:	1 mg
Target:	INTS12
Protein Characteristics:	AA 1-462
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This INTS12 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant INTS12 Protein expressed in mammalian cells.
Sequence:	<p>MAATVNLELD PIFLKALGFL HSKSKDSA EK LKALLDESLA RGIDSSYRPS QKDVEPPKIS</p> <p>STKNISIKQE PKISSSLPSG NNNGKVL TTE KVKKEAEKRP ADKMKSDITE GVDIPKKPRL</p> <p>EKPETQSSPI TVQSSKDLPM ADLSSFEETS ADDFAMEMGL ACVVCRQMMV ASGNQLVE CQ</p> <p>ECHNLYHRDC HKPQVTDKEA NDPRLVWYCA RCTRQMKRMA KKTQKPPQKP APAVVS VTPA</p> <p>VKDPLVKKPE TKLKQETTFL AFKRTEVKTS TVISGNSSSA SVSSSVTSGL TGWAAFAAKT</p> <p>SSAGPSTAKL SSTTQNNTGK PATSSANQKP VGLTGLATSS KGGIGSKIGS NNSTTPTVPL</p> <p>KPPPPLTLGK TGLSRVS CD NVSKVGLPSP SSLVPGSSSQ LSGNGNSGTS GPSGSTTSKT</p> <p>TSESSSSPSA SLKGPTSQES QLNAMKRLQM VKKAAQKKL KK 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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

INTS12

Alternative Name:

INTS12 ([INTS12 Products](#))

Background:

Integrator complex subunit 12 (Int12) (PHD finger protein 22),FUNCTION: Component of the Integrator 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 (PubMed:16239144). Mediates recruitment of cytoplasmic dynein to the nuclear envelope, probably as component of the INT complex (PubMed:23904267). {ECO:0000269|PubMed:16239144, ECO:0000269|PubMed:23904267}.

Molecular Weight:

48.8 kDa

UniProt:

[Q96CB8](#)

Application Details

Application Notes:	We expect the protein to work for functional studies. 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