

Datasheet for ABIN7544557
TINAG Protein (AA 1-476) (His tag)



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Overview

Quantity:	1 mg
Target:	TINAG
Protein Characteristics:	AA 1-476
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TINAG protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TINAG Protein expressed in mammalian cells.
Sequence:	MWTGYKILIF SYLTTEIWME KQYLSQREVD LEAYFTRNHT VLQGTRFKRA IFQGQYCRNF GCCEDRDDGC VTEFYAANAL CYCDKFCBRE NSDCCPDYKS FCREEKEWPP HTQPWYPEGC FKDGQHYYEEG SVIKENCNSC TCSGQQWKCS QHVCLVRSEL IEQVKNKGDYG WTAQNYSQFW GMTLEDGFKF RLGTLPPSPM LLSMNEMTAS LPATTDLPEF FVASYKWPGW THGPLDQKNC AASWAFSTAS VAADRIAIQS KGRYTANLSP QNLISCCAQN RHGCNSGSID RAWWYLRKRG LVSHACYPLF KDQATNNGC AMASRS DGRG KRHATKPCPN NVEKSNRIYQ CSPPYRVSSN ETEIMKEIMQ NGPVQAIMQV REDFFHYKTG IYRHVTSTNK ESEKYRKLQT HAVKLTGWGT LRGAQQQKEK FWIAANSWGK SWGENGYFRI LRGVNESDIE KLIIAAWGQL TSSDEP 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.
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:

TINAG

Alternative Name:

TINAG ([TINAG Products](#))

Background:

Tubulointerstitial nephritis antigen (TIN-Ag),FUNCTION: Mediates adhesion of proximal tubule epithelial cells via integrins alpha3-beta1 and alphaV-beta3. This is a non catalytic peptidase C1 family protein. {ECO:0000269|PubMed:8770961}.

Molecular Weight:

54.6 kDa

UniProt:

[Q9UJW2](#)

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