

Datasheet for ABIN7562237

RFNG Protein (AA 1-332) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RFNG
Protein Characteristics:	AA 1-332
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RFNG protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Rfng Protein expressed in mammalian cells.
Sequence:	MSRARRVLCR ACLALAAVLA VLLLLPLPLP LPLPRAPAPD PDRVPTSLT LEGDRLQPDD VFIAVKTTRK NHGPRRLRLR RTWISRAPRQ TFIFTDGDDP ELQMLAGGRM INTNCSAVRT RQALCCKMSV EYDKFLESGR KWFCHVDDDN YVNPKSLLHL LSTFSSNQDI YLGRPSLDHP IEATERVQGG GTSNTVKFWF ATGGAGFCLS RGLALKMSPW ASLGSMSTA ERVRLPDDCT VGIVYEGLLG ARLLHSPLFH SHLENLQRLP SGAILQQVTL SYGGPENPHN VVNVAGSFNI QQDPTRFQSV HCLLYPDTHW CPMKNRVEGA FQ 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 isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- 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:	RFNG
Alternative Name:	Rfng (RFNG Products)
Background:	Beta-1,3-N-acetylglucosaminyltransferase radical fringe (EC 2.4.1.222) (O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase),FUNCTION: Glycosyltransferase that initiates the elongation of O-linked fucose residues attached to EGF-like repeats in the extracellular domain of Notch molecules. Modulates NOTCH1 activity by modifying O-fucose residues at specific EGF-like domains resulting in enhancement of NOTCH1 activation by DLL1 and JAG1 (PubMed:28089369). May be involved in limb formation and in neurogenesis (By similarity). {ECO:0000250 UniProtKB:O12972, ECO:0000250 UniProtKB:Q9R1U9, ECO:0000269 PubMed:28089369}.
Molecular Weight:	36.9 kDa
UniProt:	O09009
Pathways:	Notch Signaling

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