

Datasheet for ABIN7558234  
**RFX4 Protein (AA 1-735) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RFX4
Protein Characteristics:	AA 1-735
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RFX4 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Rfx4 Protein expressed in mammalian cells.
Sequence:	<p>MHCGLLEPD MDSTESWIER CLNESENKRY SSHTSLGNVS NDENEEKENN RASKPHSTPA</p> <p>TLQWLEENYE IAEGVCIPRS ALYMHYLDLC EKNDTQPVNA ASFGKIIRQQ FPQLTTRRLG</p> <p>TRGQSKYHYH GIAVKESSQY YDVMYSKKGA AWWSETGKRE VTKQTVAYSP RSKLGTLLPD</p> <p>FPNVKDLNLP ASLPEEKVST FIMMYRTHCQ RILDTVIRAN FDEVQSFLH FWQGMPPHML</p> <p>PVLGSSTVVN IVGVCDILY KAISGVLMPV VLQALPDSLQ QVIRKFAKQL DEWLKVALHD</p> <p>LPENLRNIKF ELSRRFSQIL RRQTSNLHLC QASRTVIHSA DITFQMLEDW RNVDLSSITK</p> <p>QTLTYMEDSR DEHRRLIQL YQEFDHLLLE QSPIESYIEW LDTMVDRCVV KVAARKQGSL</p> <p>KKVAQQFLM WSCFGTRVIR DMTLHSAPSF GSFHLIHLMF DDYVLYLLES LHCQERANEL</p> <p>MRAMKGEGST AEAQEEIILT EATPPTSPG PSFSPAKSAT SVEVPPSPSS VSNPSPEYTG</p> <p>LSTAGAMQSY TWSLTYVTIT AAGSPAENSQ QLPCMRSTHM PSSSVTHRIP VYSHREEHGY</p> <p>TGSYNYGSYG NQHPLPLQNP YPALPHDTAI SGPLHYSPYH RSSAQYPFNS PSTRMEPCLM</p> <p>SSTPRLHPTP VTPRWPEVPT ANACYTSPSV HSTRYGNSSD MYTPLTTRRN SEYEHMQHFP</p>

## Product Details

GFAYINGEAS TGWAK **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:

- 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:** RFX4

**Alternative Name:** Rfx4 ([RFX4 Products](#))

**Background:** Transcription factor RFX4 (Regulatory factor X 4),FUNCTION: [Isoform 1]: Transcription factor that plays a role in early brain development. May activate transcription by interacting directly with the X-box. May activate transcription from CX3CL1 promoter through the X-box during brain development. May be required for neural tube ciliogenesis during embryogenesis (By similarity). {ECO:0000250|UniProtKB:A0A1L8GWK2, ECO:0000269|PubMed:12925582, ECO:0000269|PubMed:16893423, ECO:0000269|PubMed:18218630}.

**Molecular Weight:** 83.4 kDa

## Target Details

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UniProt: [Q7TNK1](#)

## Application Details

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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

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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