

Datasheet for ABIN7555164
RFX1 Protein (AA 1-979) (His tag)



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Overview

Quantity:	1 mg
Target:	RFX1
Protein Characteristics:	AA 1-979
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RFX1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RFX1 Protein expressed in mammalian cells.
Sequence:	<p>MATQAYTELQ AAPPPSQPPQ APPQAQPQP PPPPAAPQP PQPPTAAATP QPQYVTELQS</p> <p>PQPQAQPPGG QKQYVTELP VPAPSQTGA PTPSPAPQY IVVTVSEGAM RASETVSEAS</p> <p>PGSTASQTGV PTQVVQQVQG TQQRLLVQTS VQAKPGHVSP LQLTNIQVPQ QALPTQRLVV</p> <p>QSAAPGSKGG QVSLTVHGTQ QVHSPPEQSP VQANSSSSKT AGAPTGTVPQ QLQVHGVQQS</p> <p>VPVTQERSVV QATPQAPKPG PVQPLTVQGL QPVHVAQEVQ QLQQVPVPHV YSSQVQYVEG</p> <p>GDASYTASAI RSSTYSYPET PLYTQTASTS YYEAAGTATQ VSTPATSQAV ASSGSMPMYV</p> <p>SGSQVVASST STGAGASNSS GGGGSGGGGG GGGGGGGGGS GSTGGGGSGA GTYVIQGGYM</p> <p>LGSASQSYSH TTRASPATVQ WLLDNYETAE GVSLPRSTLY CHYLLHCQEQ KLEPVNAASF</p> <p>GKLIRSVFMG LRTRRLGTRG NSKYHYYGLR IKASSPLLRL MEDQQHMAMR GQPFSQKQRL</p> <p>KPIQKMEGMT NGVAVGQQPS TGLSDISAV QYQQFLDAS RSLPDFTELD LQGKVLPEGV</p> <p>GPGDIKAFQV LYREHCEAIV DVMVNLQFTL VETLWKTFR YNLSQPSEAP PLAVHDEAEK</p> <p>RLPKAILVLL SKFEPVLQWT KHCDNVLYQG LVEILIPDVL RPIPSALTQA IRNFAKSLES</p>

Product Details

WLTHAMVNIP EEMLRVKVAA AGAFAQTLRR YTSLNHLAQ ARAVLQNTAQ INQMLSDLNR
VDFANVQEQA SWVCRCEDRV VQRLEQDFKV TLQQQNSLEQ WAAWLDGVVS QVLKPYQGSA
GFPKAAKLFL LKWSFYSSMV IRDLTLRSAA SFGSFHLIRL LYDEYMYyli EHRVAQAKGE
TPIAVMGEFA NLATSLNPLD PDKDEEEEEEE ESEDEL PQD ISLAAGGESp ALGPETLEPP
AKLARTDARG LFVQALPSS **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	RFX1
Alternative Name:	RFX1 (RFX1 Products)
Background:	MHC class II regulatory factor RFX1 (Enhancer factor C) (EF-C) (Regulatory factor X 1) (RFX) (Transcription factor RFX1),FUNCTION: Regulatory factor essential for MHC class II genes expression. Binds to the X boxes of MHC class II genes. Also binds to an inverted repeat (ENH1) required for hepatitis B virus genes expression and to the most upstream element (alpha) of the

Target Details

	RPL30 promoter.
Molecular Weight:	104.8 kDa
UniProt:	P22670
Pathways:	Human Leukocyte Antigen (HLA) in Adaptive Immune Response

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