

Product datasheet for **TP309758**

RFX2 (NM_000635) Human Recombinant Protein

Product data:

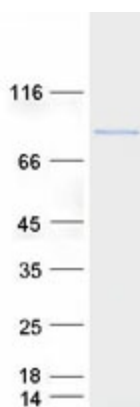
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human regulatory factor X, 2 (influences HLA class II expression) (RFX2), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209758 protein sequence Red =Cloning site Green =Tags(s)
	<p>MQNSEGGADSPASVALRPSAAAPPVPASPQRVLVQAASSNPKGAQMQPISLPRVQQVPQQVQPVQHVYPA QVQYVEGGDAVYTNGAIRTAITYNPEPQMYAPSSTASYFEAPGGAQVTVAASSPPAVPSHSMVGITMDVG GSPIVSSAGAYLIHGGMDSTRHSLAHTSRSSPATLEMAIENLQKSEGITSHKSGLLNSHLQWLLDNYETA EGVSLHRSSLYNHYL RHCQEHLDPVNAASFGLKIRSVFMGLRTRRLGTRGNSKYHYGIRLKPDSPLNR LQEDTQYMAMRQQPMHQKPRYRPAQKTDSLGDGSHSGLHSTPEQTMAVQSQHHQYIDVSHVPEFPAP DLGSFLLQDGVTLHDVKALQLVYRRHCEATVDVVMNLQFHIEKWLWLSFWNSKASSSDGPTSLPASDEDP EGAVLPKDKLISLCQCDPILRWMRSCDHILYQALVEILIPDVLRPVSTLTQAIRNFAKSLEGWLTNAMS DFPQQVIQTKVGVSAFAQTLRRYTSLNHLAQAARAVLQNTSQINQMLSDLNRVDFANVQEQASWVCQCE ESVVQRLEQDFKLTQQSSLDQWASWLDVVTQVLKQHAGSPSPKAAARQFLLKWSFYSSMVRDLTLR SAASFGSFHLIRLLYDEYMFYLVEHRVAEATGETPIAVMGFEFNDLASLSLTLDDKDDMGDEQRGSEAGPD ARSLGEPLVKRERSDPNHSLQGI</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	79.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_000626
Locus ID:	5990
UniProt ID:	P48378
RefSeq Size:	4114
Cytogenetics:	19p13.3
RefSeq ORF:	2169
Summary:	This gene is a member of the regulatory factor X gene family, which encodes transcription factors that contain a highly-conserved winged helix DNA binding domain. The protein encoded by this gene is structurally related to regulatory factors X1, X3, X4, and X5. It is a transcriptional activator that can bind DNA as a monomer or as a heterodimer with other RFX family members. This protein can bind to cis elements in the promoter of the IL-5 receptor alpha gene. Two transcript variants encoding different isoforms have been described for this gene, and both variants utilize alternative polyadenylation sites. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified RFX2 protein (Cat# TP309758). The protein was produced from HEK293T cells transfected with RFX2 cDNA clone (Cat# [RC209758]) using MegaTran 2.0 (Cat# [TT210002]).