

## Product datasheet for TP309758M

### RFX2 (NM\_000635) Human Recombinant Protein

#### Product data:

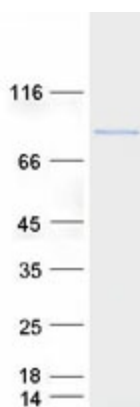
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human regulatory factor X, 2 (influences HLA class II expression) (RFX2), transcript variant 1, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC209758 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MQNSEGGADSPASVALRPSAAAPPVPASPQRVLVQAASSNPKGAQMQPISLPRVQQVPQQVQPVQHVYP            QVQYVEGGDAVYTNNGAIRTAYTYNPEPQMYAPSSTASYFEAPGGAQVTVAASSPPAVPSHSMVGITMDVG            GSPIVSSAGAYLIHGGMDSTRHSLAHTSRSSPATLEMAIENLQKSEGITSHKSGLLNSHLQWLLDNYETA            EGVSLHRSSLYNHYLRLHCQEHKLDPVNAASFGLKIRSVFMGLRTRRLGTRGNSKYHYGIRLKPDSPLNR            LQEDTQYMAMRQQPMHQKPRYRPAQKTDSLGDGSHSGLHSTPEQTMAVQSQHHQYIDVSHVFEFPAP            DLGSLFLLQDGVTLHDVKALQLVYRRHCEATVDVVMNLQFHIEKWLWLSFWNSKASSSDGPTSLPASDEDP            EGAVLPKDKLISLCQCDPILRWMRSCDHILYQALVEILIPDVLRPVSTLTQAIRNFAKSLEGWLTNAMS            DFPQQVIQTKVGVSAFAQTLRRYTSLNHLAQAARAVLQNTSQINQMLSDLNRVDFANVQEQASWVCQCE            ESVVQRLEQDFKLTQQSSLDQWASWLDVSVTQVLKQHAGSPSPKAAARQFLLKWSFYSSMVRDLTLR            SAASFGSFHLIRLLYDEYMFYLVEHRVAEATGETPIAVMGFEFNDLASLSLTLDDKDDMGDEQRGSEAGPD            ARSLGEPLVKRERSDPNLSLQGI</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	79.8 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	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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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_000626</a>
<b>Locus ID:</b>	5990
<b>UniProt ID:</b>	<a href="#">P48378</a>
<b>RefSeq Size:</b>	4114
<b>Cytogenetics:</b>	19p13.3
<b>RefSeq ORF:</b>	2169
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).