

## Product datasheet for **TP307872L**

### RFX1 (NM\_002918) Human Recombinant Protein

#### Product data:

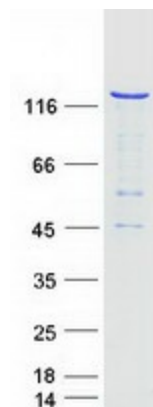
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human regulatory factor X, 1 (influences HLA class II expression) (RFX1), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC207872 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MATQAYTELQAAPPSQPPQAPPQAQPQPPPPPPAAPPQPPQPPTAAATPQPQYVTELQSPQPQAQPPGG            QKQYVTELPVPAPSQPTGAPTSPAPQQYIIVTVSEGAMRASETVSEASPSTASQTGVPTQVWQVQVQ            TQQRLLVQTSVQAKPGHVSPQLTNIQVPQQALPTQRLVVQSAAPGSKGGQVSLTVHGTQQVHSPPEQSP            VQANSSSSKTAGAPTGTVPQQLQVHGVQSVVPTQERSVVQATPQAPKGPVQPLTVQGLQPVHVAQEVQ            QLQQVPVPHVYSSQVQVVEGGDASYTASAIRSSTYSYPETPLYTQTASTSYEAAAGTATQVSTPATSQAV            ASSGSMMPMYVSGSQVASSASTGAGASNSSGGGGGGGGGGGGGGGGGGGGSGSTGGGGSGAGTYVIQGGYM            LGSASQSYSHTTRASPATVQWLLDNYETAEGVSLPRSTLYCHYLLHCQEQLPEVNAASFGKLIRSVFMG            LRTRRLGTRGNSKYHYGLRIKASSPLLRLMEDQQHMAMRGQPFQKQRLKPIQKMEGMTNGVAVGQQPS            TGLSDISAQVQQYQQLDASRSLPDFTELDLQGVLPQVGPDIKAFQVLYREHCEAIVDVMVNLQFTL            VETLWKTFRYRNLSPSEAPPLAVHDEAEKRLPKAILVLLSKFEPVLQWTKHCDNVLYQGLVEILIPDVL            RPIPSALTQAIRNFAKSLESWLTHAMVNIPEEMLRVKVAAAGAFQAQLRRYTSLNHLAQAARAVLQNTAQ            INQMLSDLNRVDFANVQEQASWVCRCEDRVQRLEQDFKVTLQQQNSLEQWAAWLDGWSVQLKPYQGSA            GFPKAAKLFLLKWSFYSSMVIRDLTLRSAASFGSFHLIRLLYDEYMYLIEHRVAQAKGETPIAVMGEFA            NLATSLNPLDPDKDEEEEEEEEESEDELQDISLAAGGESPALGPETLEPPAKLARTDARGLFVQALPSS</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	104.6 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



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<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.
<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_002909</a>
<b>Locus ID:</b>	5989
<b>UniProt ID:</b>	<a href="#">P22670</a>
<b>RefSeq Size:</b>	4392
<b>Cytogenetics:</b>	19p13.12
<b>RefSeq ORF:</b>	2937
<b>Synonyms:</b>	EFC; RFX
<b>Summary:</b>	This gene encodes a member of the regulatory factor X (RFX) family of transcription factors, which are characterized by a winged-helix DNA-binding domain. The encoded transcription factor contains an N-terminal activation domain and a C-terminal repression domain, and may activate or repress target gene expression depending on cellular context. This transcription factor has been shown to regulate a wide variety of genes involved in immunity and cancer, including the MHC class II genes and genes that may be involved in cancer progression. This gene exhibits altered expression in glioblastoma and the autoimmune disease systemic lupus erythematosus (SLE). [provided by RefSeq, Jul 2016]
<b>Protein Families:</b>	Druggable Genome

### Product images:



Coomassie blue staining of purified RFX1 protein (Cat# [TP307872]). The protein was produced from HEK293T cells transfected with RFX1 cDNA clone (Cat# [RC207872]) using MegaTran 2.0 (Cat# [TT210002]).