

Recombinant Full Length Human RFX3 Protein, C-Flag-tagged

Cat. No. RFX3-1622HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RFX3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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, X2, X4, and X5. It is a transcriptional activator that can bind DNA as a monomer or as a heterodimer with other RFX family members. Multiple transcript variants encoding different isoforms have been described for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	83.3 kDa
AA Sequence	MQTSETGSDTGSTVTLQTSVASQAAVPTQVVQQVPVQQQVQQVQTVQQVQHVYP AQVQYVEGSDTVYTNG AIRTTTYPYTETQMYSQNTGGNYFDTQGSSAQVTTVVSS HSMVGTGGIQMGVTGGQLISSGGTYLIGNS MENSGHSVTHTTTRASPATIEMAIETL QKSDGLSTHRSSLLNSHLQWLLDNYETAEGVSLPRSTLYNHLYR HCQEHKLDPVN AASFGKLIRSIFMGLRTRRLGTRGNSKYHYYGIRVKPDSPLNRLQEDMQYMAMRQQ PMQ QKQRYKPMQKVDGVADGFTGSGQQTGTSVEQTVIAQSQHHQQFLDASRALP EFGEVEISSLPDGTTFEDI KSLQSLYREHCEAILDVVVNLQFSLIEKLWQTFWRYSPS

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TPTDGTITESSNLSEIESRLPKAKLITLCK HESILKWMCNCDHGM YQALVEILIPDVL
 RPIPSALTQAIRNFAKSLEGWLSNAMNNIPQRM IQTKVA AVS AFAQTLRRYTSLNHL
 AQAARAVLQNTSQINQMLSDLNRVDFANVQE QASWVCQCDDNMVQRLETD FKMTL
 QQQSTLEQWAAWLDNVMMQALKPYEGRPSFPK AARQFLLKWSFYSSMVIRDLTLR
 SAASFGSFHLIRLLY DEYMFYLV EHRVAQATGETPIAVMGEFGDLNAVSPGNLDKD
 EGSEVESEMDEELDDSSSEPQAKREKTELS
 QAFPVGCMQPVLETGVQPSLLNPIHSEHIVTSTQTIRQCSATGNTYTAVTRTRPLEQ
 KLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	RFX3 regulatory factor X3 [Homo sapiens (human)]
Official Symbol	RFX3

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Synonyms	bA32F11.1
Gene ID	5991
mRNA Refseq	NM_134428.3
Protein Refseq	NP_602304.1
MIM	601337
UniProt ID	P48380



Coomassie blue staining of purified RFX3 protein.

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