

Recombinant Human RFX3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RFX3-1021H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RFX3 MS Standard C13 and N15-labeled recombinant protein (NP_602304) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	83.5 kDa
AA Sequence	MQTSETGSDTGSTVTLQTSVASQAAVPTQVVQQVPVQQQVQVQTVQQVQHVYP AQVQYVEGSDTVYTNGAIRTTTYPYTETQMYSQNTGGNYFDTQGSSAQVTTVSS HSMVGTGGIQMGVTGGQLISSSGGTYLIGNSMENSGHSVTHHTRASPATIEMAIETL QKSDGLSTHRSSLLNSHLQWLLDNYETAEGVSLPRSTLYNHYLRLHCQEHKLDPVNA ASFGKLIRSIFMGLRTRRLGTRGNSKYHYYGIRVKPDSPLNRLQEDMQYMAMRQQP MQQKQRYKPMQKVDGVADGFTGSGQQTGTSVEQTVIAQSQHHQQFLDASRALPE FGEVEISSLPDGTTFEDIKSLQSLYREHCEAILDVVVNLQFSLIEKLWQTFWRYSPST

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PTDGTITESSNLSEIESRLPKAKLITLCKHESILKWMCNCDHGMVQALVEILIPDVLRL
PIPSALTQAIRNFAKSLEGWLSNAMNNIPQRMQTKVAAVSAFAQTLRRYTSLNHLAQ
AARAVLQNTSQINQMLSDLNRVDFANVQEASWVCQDDNMVQRLETDFKMTLQ
QQSTLEQWAAWLDNVMMQALKPYEGRPSFPKAAQFLLKWSFYSSMVIRDLTLRS
AASFGSFHLIRLLYDEYMFYLVHRVAQATGETPIAVMGEGDLNAVSPGNLDKDEG
SEVESEMDEELDDSSSEPQAKREKTELSQAFFVGCMPVLETGVQPSLLNPIHSEHIV
TSTQTIRQCSATGNTYTAVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol RFX3

Synonyms RFX3; regulatory factor X, 3 (influences HLA class II expression); transcription factor RFX3; regulatory factor X 3; DNA binding protein RFX3; bA32F11.1; MGC87155;

Gene ID 5991

mRNA Refseq NM_134428

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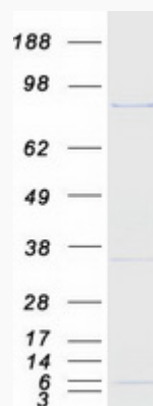
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Protein Refseq NP_602304

MIM 601337

UniProt ID P48380

SDS-PAGE



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