

Recombinant Human RFX2 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. RFX2-369H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RFX2 MS Standard C13 and N15-labeled recombinant protein (NP_000626) 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, 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]
Molecular Mass	80 kDa
AA Sequence	MQNSEGGADSPASVALRPSAAAPPVPASPQRVLVQAASSNPKGAQMQPISLPRVQ QVPQQVQPVQHVYP AQVQYVEGGDAVYTNGAIRTAYTYNPEPQMYAPSSTASYFE APGGAQVTVAASSPPAVPSHSMVGITMDVGGSPIVSSAGAYLIHGGMDSTRHSLAH TSRSSPATLEMAIENLQKSEGITSHKSGLLNSHLQWLLDNYETAEGVSLHRSSLYNH YLRHCQEHLDPVNAASFGKLIRSVFMGLRTRRLGTRGNSKYHYYGIRLKPDSPLNR

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LQEDTQYMAMRQQPMHQKPRYRPAQKTDSLGDSGSHSGLHSTPEQTMVQSQH
 HQQYIDVSHVFPEFPAPDLGSFLLQDGVTLHDVKALQLVYRRHCEATVDVVMNLQF
 HYIEKLWLSFWNSKASSSDGPTSLPASDEDPEGAVLPKDKLISLCQCDPILRWMRSC
 DHILYQALVEILIPDVLRPVPSTLTQAIRNFAKSLEGWLTNAMSDFPQQVIQTKVGVVS
 AFAQTLRRYTSLNHLAQAARAVLQNTSQINQMLSDLNRVDFANVQEQASWVCQCE
 ESVVQRLEQDFKLTQQQSSLDQWASWLDVSVVTQVLKQHAGSPSFPKAAARQFLK
 WSFYSSMVIRDLTLRSAASFGSFHLIRLLYDEYMFYLVEHRVAEATGETPIAVMGEFN
 DLASLSLTLLDKDDMGDEQRGSEAGPDARSLGEPLVKRERSDPNHSLQGITRTRPL
 EQKLISEEDLAANDILDYKDDDDKV

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 RFX2 regulatory factor X, 2 (influences HLA class II expression) [Homo sapiens (human)]

Official Symbol RFX2

Synonyms RFX2; regulatory factor X, 2 (influences HLA class II expression); DNA-binding protein RFX2; DNA binding protein RFX2; FLJ14226; HLA class II regulatory factor RFX2; trans acting regulatory factor 2; regulatory factor X 2; trans-acting regulatory

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factor 2;

Gene ID [5990](#)

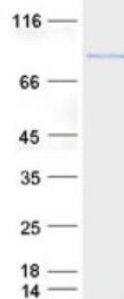
mRNA Refseq [NM_000635](#)

Protein Refseq [NP_000626](#)

MIM [142765](#)

UniProt ID [P48378](#)

SDS-PAGE



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