

Product datasheet for PH309758

RFX2 (NM_000635) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RFX2 MS Standard C13 and N15-labeled recombinant protein (NP_000626)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209758
Predicted MW:	80 kDa
Protein Sequence:	>RC209758 protein sequence Red=Cloning site Green=Tags(s)
	<p>MQNSEGGADSPASVALRPSAAAPPVPASPQRVLVQAASSNPKGAQMQPISLPRVQQVPPQQVQVQVHYPA QVQYVEGGDAVYTNGAIRTAYTYNPEPQMYAPSSASYFEAPGGAQVTVAASSPPAVPSHSMVGITMDVG GSPIVSSAGAYLIHGGMDSTRHSLAHTSRSSPATLEMAIENLQKSEGITSHKSGLLNHLQWLLDNYETA EGVSLHRSSLYNHYL RHCQEHLDPVNAASFGLIRSVFMGLRTRRLGTRGNSKYHYYGIRLKPDSPLNR LQEDTQYMAMRQQPMHQKPRYRPAQKTDSLGDGSHSGLHSTPEQTMAVQSQHHQQYIDVSHVFPEFPAP DLGSFLLQDGVTLHDVKALQLVYRRHCEATVDVVMNLQFHYYIEKLWLSFWNSKASSDGPSTLPSADED EGAVLPKDKLISLQCDPILRWMRSCDHILYQALVEILIPDVLRPVPTLTQAIRNFAKSLEGWLTNAMS DFPQQVIQTKVGVVSAFAQTLRRYTSLNHLAQAARAVLQNTSQINQMLSDLNRVDFANVQEASWVCQCE ESVVQRLEQDFKLTLLQQSSLDQWASWLDVSVTVLQKQHAGSPSPFKAARQFLKWSFYSSMVIDLTLR SAASFGSFHLIRLLYDEYMFYLVEHRVAEATGETPIAVMGEFNDLASLSLTLLDKDDMGDEQRGSEAGPD ARSLGEPLVKRERSDPNHSLQGI</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_000626</u>



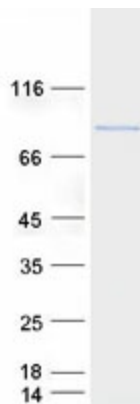
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RefSeq Size: 4114
RefSeq ORF: 2169
Locus ID: 5990
UniProt ID: [P48378](#)
Cytogenetics: 19p13.3

Summary: 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]

Protein Families: 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]).