

Product datasheet for TP510076

Rfx2 (NM_009056) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse regulatory factor X, 2 (influences HLA class II expression) (Rfx2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210076 representing NM_009056 Red=Cloning site Green=Tags(s) <p>MQNSEGGADSPASVALRPAAQPMPASPQRVLVQAAGSTPKGTPMQTLTLPRVQVPVPPVQHVYPAQVQYV EGGDVAVYANGAIRAAYAYNPDPQLYAPSSAASYFETPGGTQVTVAASSPPAVPSHGMVGITMDVSGTPIV SGAGAYLIHGGMDGTRHSLAHTARSSPATLQWLLDNYETAEGVSLPRSSLYNHYLRHCQEHLKLEPVNAAS FGKLIRSVFMGLRTRRLGTRGNSKYHYGIRLKPDSPLNRLQEDTQYMAMRQQPTHQKPRYRPAQKSDSL GDGSAHSNMHGMPDQAMATQGQHHQYIDVSHVFPEFPAPDLGSTLLQESVTLHDVKALQLVYRRHCEAT LDVVMNLQFQYIEKLWLSFWNCKATSSDSCASLPASDEDPEVTLTPKEKLISLCKCEPIQWMRSCDHIL YQTLVETLIPDVLRPVPSLTQAIRNFAKSLEGWLINAMSGFPQVIQTKVGVSAFAQTLRRYTSLNHL AQAARAVLQNTSQINQMLSDLNVRDFANVQEASWVCQCEESLVQRLEHDFKVTLLQQSSLDQWASWLDN VVTQVLKQHSGPSFPKAARQFLKWSFYSSMVIRDLTLRSAASFGSFHLIRLLYDEYMFYLVEHRVAQA TGETPIAVMGEFNDLASLSLTLDDKEDIGDGHSSSEADVDGRSLGEPLVKRERSDP SHPLQGI</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	77 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_033082](#)

Locus ID: 19725

UniProt ID: [P48379](#)

RefSeq Size: 3278

Cytogenetics: 17 29.5 cM

RefSeq ORF: 2076

Synonyms: 5430432H19Rik

Summary: Transcription factor that acts as a key regulator of spermatogenesis (PubMed:26248850, PubMed:26162102, PubMed:26853561). Acts by regulating expression of genes required for the haploid phase during spermiogenesis, such as genes required for cilium assembly and function (PubMed:26162102, PubMed:26853561). Recognizes and binds the X-box, a regulatory motif with DNA sequence 5'-GTNRCC(0-3N)RGYAAC-3' present on promoters (PubMed:15229132, PubMed:26162102). Probably activates transcription of the testis-specific histone gene HIST1H1T (PubMed:15229132).[UniProtKB/Swiss-Prot Function]