Recombinant Mouse Rfx2 Protein, Myc/DDK-tagged

Cat. No. Rfx2-5480M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length regulatory factor X, 2 (influences HLA class II expression) (Rfx2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Transcription factor that acts as a key regulator of spermatogenesis. Acts by regulating expression of genes required for the haploid phase during spermiogenesis, such as genes required for cilium assembly and function. Recognizes and binds the X-box, a regulatory motif with DNA sequence 5'-GTNRCC(0-3N)RGYAAC-3' present on promoters. Probably activates transcription of the testis-specific histone gene H1-6.
Molecular Mass	77 kDa
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 after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Rfx2 regulatory factor X, 2 (influences HLA class II expression) [Mus musculus (house mouse)]
Official Symbol	Rfx2
Synonyms	RFX2; regulatory factor X, 2 (influences HLA class II expression); DNA-binding protein RFX2; regulatory factor X 2; 5430432H19Rik
Gene ID	19725
mRNA Refseq	NM_009056
Protein Refseq	NP_033082
UniProt ID	P48379

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