

Product datasheet for **TP525684**

Foxl2 (NM_012020) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse forkhead box L2 (Foxl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225684 representing NM_012020 Red =Cloning site Green =Tags(s) MMASYPEPEDTAGTLLAPESGRAVKEAEASPPSPGKGGGTTPEKPDPAQKPPYSYVALIAMAIRESAEKR LTLSGIYQYIIAKFPFYEKNKKGWQNSIRHNLNLSNECFIKVPREGGERKGNWTLDPACEDMFEKGNRYR RRRRMKRPFPPPAHFQPGKGLFGSGGAAGGCGVPGAGADGYGLAPPKYLSGFLNNSWPLPQPPSPMP YASCQMAAAAAAAAAAAAAAAAAAGPGSPGAAAVVKGLAGPAASYGPYSRVQSMALPPGVVNSYNGLGGPPAAP PPPPPPHPHPHPHAHHLHAAAAPPAPPHHGAAAPPPGQLSPASPATAAPPAPAPTSAPGLQFACARQP ELAMMHCSYWDHDSKTGALHSRLDL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	39.3 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.
RefSeq:	NP_036150
Locus ID:	26927
UniProt ID:	O88470 , Q2TVT7



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RefSeq Size: 2520

Cytogenetics: 9 E3.3

RefSeq ORF: 1125

Synonyms: AU045128; BPES; Pfrk; PINTO

Summary: Transcriptional regulator. Critical factor essential for ovary differentiation and maintenance, and repression of the genetic program for somatic testis determination. Prevents trans-differentiation of ovary to testis through transcriptional repression of the Sertoli cell-promoting gene SOX9. Has apoptotic activity in ovarian cells. Suppresses ESR1-mediated transcription of PTGS2/COX2 stimulated by tamoxifen. Activates SIRT1 transcription under cellular stress conditions. Activates transcription of OSR2. Is a regulator of CYP19 expression. Is a transcriptional repressor of STAR. Participates in SMAD3-dependent transcription of FST via the intronic SMAD-binding element.[UniProtKB/Swiss-Prot Function]