

Product datasheet for **TP501596**

Tcf21 (NM_011545) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse transcription factor 21 (Tcf21), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201596 representing NM_011545 Red =Cloning site Green =Tags(s) MSTGSLSDVEDLQEVEMLDCDSLKVDNSNKEFGTSNESTEEGSNCEGSPQKGRGGLGKRRKAPTCKSPLS GVSQEGKQVQRNAANARERARMRVLSKAFSRLKTTLPWVPPDTKLSKLDLRLASSYIAHLRQILANDKY ENGYIHPVNLTPWPFMVAGKPENDLKEVWTANRLCGTTAS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	20.1 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_035675
Locus ID:	21412
UniProt ID:	O35437
RefSeq Size:	1240
Cytogenetics:	10 10.33 cM



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RefSeq ORF: 537

Synonyms: bHLHa23; capsulin; epc; epicardin; Pod-1; Pod1

Summary: Involved in epithelial-mesenchymal interactions in kidney and lung morphogenesis that include epithelial differentiation and branching morphogenesis. May be involved in the organogenesis of the spleen and heart and in cardiac and coronary artery development. May function in the development and sex differentiation of gonad via transcriptional regulation of AD4BP/SF-1.[UniProtKB/Swiss-Prot Function]