

Product datasheet for **TP509745**

Tcf3 (NM_011548) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse transcription factor 3 (Tcf3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209745 representing NM_011548 Red =Cloning site Green =Tags(s) MMNQSQRMAPVGSDEKELSDLLDFSMFPLPVANGKSRPASLGGTQFAGSGLEDRPSSGSWGSSDQNSSSF DPSRTYSEGAHFSDSHSSLPPSTFLGAGLGGKGSERNAYATFGRDTSVGLTSLQAGFLPGELSLSSPGPLS PSGIKSSSQYYPSFSPNRRRAADGGLDTPKPKVRKVPPLPSSVYPPSSGDSYSRDAAYPSAKTPSSA YPSPFYVADGSLHPSAELWSTPSQVGFPGMLGDGSSPLPLAPGSSSVGSGTFGGLQQQDRMGYQLHGSEV NGSLPAVSSFSAAPGTYSGTSGHTPPVSGAAAESLLGTRGTTASSGDALGKALASIYSPDHSSNNFSPS PSTPVGSPQGLPGTSQWPRAGAPSALSPNYDAGLHGLSKMEDRLDEAIHVLRSHAVGTASDLHGLLPGHG ALTTSFTGPMSLGGRHAGLVGGSHPEEGLTSGASLLHNHASLPSQPSSLPDLSQRPPDSYSGLGRAGTTA GASEIKREEKEDEEIASVADAEDKDKLKVPRTRTSSTDEVLSLEEKDLRDRERRMANNARERVRVDIN EAFRELGRMCQLHLKSDKAQTKLLILQQAVQVILGLEQQVRERNLNPKAACLKRREEEKVSGVVGDPQLP LSAAHPGLGEAHNPAGHL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	67.9 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_035678
Locus ID:	21423
UniProt ID:	P15806
RefSeq Size:	3305
Cytogenetics:	10 39.72 cM
RefSeq ORF:	1944
Synonyms:	A1; AA408400; ALF2; AW209082; bHLHb21; E2A; E12; E12/E47; E47; KA1; ME2; Pan1; Pan2; TCF-3; Tcfe2a

Summary: Transcriptional regulator. Involved in the initiation of neuronal differentiation. Heterodimers between TCF3 and tissue-specific basic helix-loop-helix (bHLH) proteins play major roles in determining tissue-specific cell fate during embryogenesis, like muscle or early B-cell differentiation. Dimers bind DNA on E-box motifs: 5'-CANNTG-3'. Binds to the kappa-E2 site in the kappa immunoglobulin gene enhancer. Binds to IEB1 and IEB2, which are short DNA sequences in the insulin gene transcription control region.[UniProtKB/Swiss-Prot Function]