

## Product datasheet for **TP321910**

### TCF23 (NM\_175769) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transcription factor 23 (TCF23), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221910 representing NM_175769 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MSQRKARGPPAMPVGVGHSQTQAKARLLPGADRKRSRLSRTRQDPWEERSWSNQRWSRATPGPRGTRAGGL ALGRSEASPENAAERERSRVRTLRLQAFALQAALPAVPPDTKLSKLDVLVLAASYIAHLRTRLGHELPGPA WPPFLRGLRYLHPLKKWPMRSRLYAGGLGYSDLDSTTASTPSQRTRDAEVGSQVPGEADALLSTPLSPA LGDK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	23.1 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<a href="#">NP_786951</a>
Locus ID:	150921
UniProt ID:	<a href="#">Q7RTU1</a>



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RefSeq Size: 645

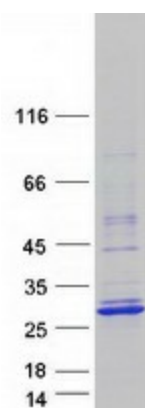
Cytogenetics: 2p23.3

RefSeq ORF: 642

Synonyms: bHLHa24; OUT; TCF-23

**Summary:** The gene encodes a member of the basic helix-loop-helix transcription factor family. Studies of the orthologous gene in mouse have shown the encoded protein does not bind DNA but may negatively regulate other basic helix-loop-helix factors via the formation of a functionally inactive heterodimeric complex. [provided by RefSeq, May 2010]

### Product images:



Coomassie blue staining of purified TCF23 protein (Cat# TP321910). The protein was produced from HEK293T cells transfected with TCF23 cDNA clone (Cat# [RC221910]) using MegaTran 2.0 (Cat# [TT210002]).