

## Product datasheet for **TP761400**

### TCF21 (NM\_003206) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human transcription factor 21 (TCF21), transcript variant 2, full length, with N-terminal GST and C-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length TCF21
Tag:	N-GST and C-His
Predicted MW:	47.5 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, pH 8.0, 150 mM NaCl, 1% sarkosyl, 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.
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_003197</a>
Locus ID:	6943
UniProt ID:	<a href="#">O43680</a>
RefSeq Size:	1285
Cytogenetics:	6q23.2
RefSeq ORF:	537
Synonyms:	bHLHa23; POD1



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**Summary:**

TCF21 encodes a transcription factor of the basic helix-loop-helix family. The TCF21 product is mesoderm specific, and expressed in embryonic epicardium, mesenchyme-derived tissues of lung, gut, gonad, and both mesenchymal and glomerular epithelial cells in the kidney. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome, Transcription Factors

**Product images:**