

Recombinant Mouse Tcf21 Protein, Myc/DDK-tagged

Cat. No. Tcf21-6336M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transcription factor 21 (Tcf21), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	20.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Tcf21 transcription factor 21 [Mus musculus (house mouse)]
Official Symbol	Tcf21
Synonyms	Tcf21; transcription factor 21; Po; ca; ep; Pod; epc; epi; Pod1; Pod-1; bHLHa; bHLHa23; capsulin; epicardin; transcription factor 21; podocyte-expressed 1
Gene ID	21412
mRNA Refseq	NM_011545
Protein Refseq	NP_035675
UniProt ID	O35437

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