

Recombinant Mouse Tfp2c Protein, Myc/DDK-tagged

Cat. No. Tfp2c-6375M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transcription factor AP-2, gamma (Tfp2c), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC.
Molecular Mass	49.1 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Tfpap2c transcription factor AP-2, gamma [*Mus musculus* (house mouse)]

Official Symbol Tfpap2c

Synonyms TFAP2C; transcription factor AP-2, gamma; transcription factor AP-2 gamma; AP2-gamma; stimulated by retinoic acid gene 2; activating enhancer-binding protein 2 gamma; Stra2; Ap-2.2; Tcfap2c; AA409384; AP2gamma

Gene ID 21420

mRNA Refseq NM_009335

Protein Refseq NP_033361

UniProt ID Q61312

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