

Recombinant Mouse Tfap2a Protein, Myc/DDK-tagged

Cat. No. Tfap2a-6374M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transcription factor AP-2, alpha (Tfap2a), transcript variant 1a, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene is a member of the activator protein 2 (AP-2) transcription factor family. The protein encoded by this gene can act as both an activator and repressor of gene transcription, and plays an important role in early embryogenesis, specifically in cranial development. This protein forms both homodimers and heterodimers, and binds to a GC-rich consensus sequence found in some promoters and enhancers. Disruption of this gene causes perinatal death, with neural tube, craniofacial, and limb mesenchyme defects. Alternative splicing results in multiple transcript variants that encode multiple protein isoforms. [provided by RefSeq, Sep 2014]
Molecular Mass	48.4 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration >50 µg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name Tfp2a transcription factor AP-2, alpha [Mus musculus (house mouse)]

Official Symbol Tfp2a

Synonyms TFAP2A; transcription factor AP-2, alpha; transcription factor AP-2-alpha; Ap-2 (a); AP2-alpha; AP-2 alpha; activator protein 2; AP-2 transcription factor; activating enhancer-binding protein 2 alpha; activating enhancer-binding protein 2-alpha; Ap2; AP-2; Ap2tf; Tcfap2a; AP2alpha

Gene ID 21418

mRNA Refseq NM_011547

Protein Refseq NP_035677

UniProt ID Q8BPN4

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