

Recombinant Human TFAP2A

Cat. No. TFAP2A-27355TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human AP2 alpha with N-terminal proprietary tag. Mol Wt 37.4 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	107 amino acids
Description	The protein encoded by this gene is a transcription factor that binds the consensus sequence 5-GCCNNNGGC-3. The encoded protein functions as either a homodimer or as a heterodimer with similar family members. This protein activates the transcription of some genes while inhibiting the transcription of others. Defects in this gene are a cause of branchiooculofacial syndrome (BOFS). Three transcript variants encoding different isoforms have been found for this gene.
Molecular Weight	37.400kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids SGLLHTHRGLPHQLSGLDPRRDYRRHEDLLHGPHALSSGL GDLSIHSLPHAIEEVPH
VEDPGINIPDQTVIKKGPVSLSK SNSNAVSAIPINKDNLFGGVVNPNEVF

Sequence Similarities Belongs to the AP-2 family.

GENE INFORMATION

Gene Name TFAP2A transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha)
[Homo sapiens]

Official Symbol TFAP2A

Synonyms TFAP2A; transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha); AP2TF, TFAP2, transcription factor AP 2 alpha (activating enhancer binding protein 2 alpha); transcription factor AP-2-alpha; AP 2;

Gene ID 7020

mRNA Refseq NM_001032280

Protein Refseq NP_001027451

MIM 107580

Uniprot ID P05549

Chromosome Location 6pter-p22.3

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Pathway	Caspase cascade in apoptosis, organism-specific biosystem; Wnt Signaling Pathway NetPath, organism-specific biosystem;
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity; RNA polymerase II core promoter proximal region sequence-specific D

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