

## Product datasheet for **TP304603**

### AP2 alpha (TFAP2A) (NM\_001032280) Human Recombinant Protein

#### Product data:

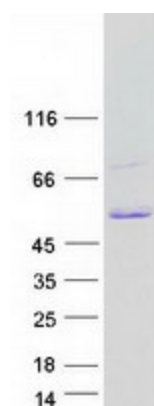
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha) (TFAP2A), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204603 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MLVHSFSAMDRHDGTSNGTARLPQLGTVGQSPYTSAPPLSHTPNADFQPPYFPPPYQPIYPQSQDPYSHV NDPYSLNPLHAQPQPQHPGWPGQRQSQESGLLHTRGLPHQLSGLDPRRDYRRHEDLLHGPHALSSGLGD LSIHSPLHAIEEVPHEVDPGINIPDQTVIKKGPVSLKSNSNAVSAIPINKDNLFGGWNPNNEVFCVPG RLSLLSSTSKYKVTVAEVQRRLSPPECLNASLLGGVLRRAKSKNGGRSLREKLDKIGLNLPAARRKAANV TLLTSLVEGEAVHLARDFGYVCETEFPAKAVAFLNRQHSDPNEQVTRKNMLLATKQICKEFTDLAQR SPLGNSRPNPILEPGIQSCLTHFNLISHGFGSPAVCAAVTALQNYLTEALKAMDKMYLSNNPNSHTDNN KSSDKEEKHRK  <b>SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	47 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, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	EMSA reaction positive control (PMID: <a href="#">27866707</a> )
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001027451</a>
<b>Locus ID:</b>	7020
<b>UniProt ID:</b>	<a href="#">P05549</a>
<b>RefSeq Size:</b>	3808
<b>Cytogenetics:</b>	6p24.3
<b>RefSeq ORF:</b>	1293
<b>Synonyms:</b>	AP-2; AP-2alpha; AP2TF; BOFS; TFAP2
<b>Summary:</b>	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. [provided by RefSeq, Dec 2009]
<b>Protein Families:</b>	Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified TFAP2A protein (Cat# TP304603). The protein was produced from HEK293T cells transfected with TFAP2A cDNA clone (Cat# [RC204603]) using MegaTran 2.0 (Cat# [TT210002]).