

## Product datasheet for **TP308665L**

### AP2 gamma (TFAP2C) (NM\_003222) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human transcription factor AP-2 gamma (activating enhancer binding protein 2 gamma) (TFAP2C), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC208665 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MLWKITDNVKEYEEDCEDRHDGSSNGNPRVPHLSSAGQHLYSPAPPLSHTGVAEYQPPPYFPPPYQQLAYS            QSADPYSHLGEAYAAAINPLHQPAPTGSQQQAWPGRQSQEGAGLPSHHGRPAGLLPHLSGLEAGAVSARR            DAYRRSDLLLPHAHALDAAGLAENLGLHDMPHQMDEVQNVDDQHLLLDQTVIRKGPISMTKNPLNLPDQ            KELVGAVMNPTEVFCSVPGRLLSSTSKYKVTVAEVQRRLSPPECLNASLLGGVLRRAKSKNGGRSLRE            KLDKIGLNLPAARRKAAHVTLTSLVEGEAVHLARDFAYVCEAEFSPKVAEYLTRPHLGGRNEMAARKN            MLLAAQQLCKEFTTELLSQDRTPHGTSLAPVLETNIQNCLSHFSLITHGFGSQAICAAVSALQNYIKEAL            IVDKSYMNPQDQSPADSNKLEKMEKHRK</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	49 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<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.



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RefSeq: [NP\\_003213](#)

Locus ID: 7022

UniProt ID: [Q92754](#)

RefSeq Size: 2895

Cytogenetics: 20q13.31

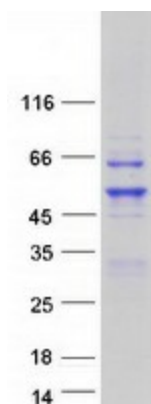
RefSeq ORF: 1350

Synonyms: AP2-GAMMA; ERF1; hAP-2g; TFAP2G

**Summary:** The protein encoded by this gene is a sequence-specific DNA-binding transcription factor involved in the activation of several developmental genes. The encoded protein can act as either a homodimer or heterodimer with other family members and is induced during retinoic acid-mediated differentiation. It plays a role in the development of the eyes, face, body wall, limbs, and neural tube. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified TFAP2C protein (Cat# [TP308665]). The protein was produced from HEK293T cells transfected with TFAP2C cDNA clone (Cat# [RC208665]) using MegaTran 2.0 (Cat# [TT210002]).