

Product datasheet for PH308665

AP2 gamma (TFAP2C) (NM_003222) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | TFAP2C MS Standard C13 and N15-labeled recombinant protein (NP_003213) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC208665 |
| Predicted MW: | 49.2 kDa |
| Protein Sequence: | >RC208665 protein sequence Red=Cloning site Green=Tags(s) |

MLWKITDNLVYEEEDCEDRHDGSSNGNPRVPHLSSAGQHLVSPAPPLSHTGVAEYQPPYFPPYQQLAYS
QSADPYSHLGEAYAAAINPLHQPAPTGSQQAWPGRQSQEGAGLPSHHGRPAGLLPHLSGLEAGAVSARR
DAYRRSDLLLPHAHALDAAGLAENLGLHDMPHQMDEVQNVDDQHLLLDQTVIRKGPISMTKNPLNLPDQ
KELVGAVMNPTEVFCVSPGRLSLLSSTSKYKVTVAEVQRRLSPPECLNASLLGGVLRRAKSKNGGRSLRE
KLDKIGLNLPAARRAAHVTLTSLVEGEAVHLARDFAYVCEAEFSPKPAEYLTRPHLGGRNEMAARKN
MLLAAQQLCKEFTTELLSQDRTPHGTSRLAPVLETNIQNCLSHFSLITHGFGSQAICAAVSALQNYIKEAL
IVIDKSYMNPGDQSPADSNKTLEKMEKHRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | <u>NP_003213</u> |
| RefSeq Size: | 2895 |
| RefSeq ORF: | 1350 |
| Synonyms: | AP2-GAMMA; ERF1; hAP-2g; TFAP2G |



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Locus ID: 7022

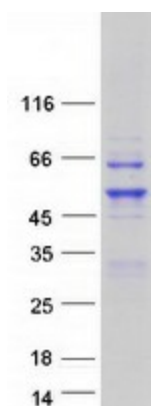
UniProt ID: [Q92754](#)

Cytogenetics: 20q13.31

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]).