

Product datasheet for PH304603

AP2 alpha (TFAP2A) (NM_001032280) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TFAP2A MS Standard C13 and N15-labeled recombinant protein (NP_001027451)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204603
Predicted MW:	47.2 kDa
Protein Sequence:	>RC204603 protein sequence Red=Cloning site Green=Tags(s)
	MLVHSFSAMDRHDGTSNGTARLPQLGTVGQSPYTSAPPLSHTPNADFQPPYFPPPYQPIYQSQDPYSHV NDPYSLNPLHAQPQPQHPGWPQGRQSQESGLLHTHRGLPHQLSGLDPRRDYRRHEDLLHGPHALSSGLGD LSIHSLPHAIIEEVPHVDPGINIPDQTVIKKGPVSLSKSNSNAVSAIPINKDNLFGGVVNPNEVFCVPG RLSLLSSTSKYKVTVAEVQRRLSPPECLNASLLGGVLRRAKSKNGGRSLREKLDKIGLNLPAARRKAANV TLLTSLVEGEAVHLARDFGYVCETEFPKAVAFLNRQHSDPNEQVTRKNMLLATKQICKEFTDLAQRD SPLGNSRPNPILEPGIQSCLTHFNLI SHGFGSPAVCAAVTALQNYL TEALKAMDKMYLSNNPNSHTDNN KSSDKKEEKHRK
	SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_001027451</u>
RefSeq Size:	3808
RefSeq ORF:	1293
Synonyms:	AP-2; AP-2alpha; AP2TF; BOFS; TFAP2



[View online »](#)

Locus ID: 7020

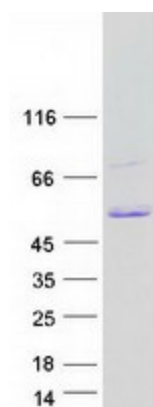
UniProt ID: [P05549](#)

Cytogenetics: 6p24.3

Summary: 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]

Protein Families: 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]).