

Product datasheet for PH303773

TFAP4 (NM_003223) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TFAP4 MS Standard C13 and N15-labeled recombinant protein (NP_003214)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203773
Predicted MW:	38.7 kDa
Protein Sequence:	>RC203773 protein sequence Red=Cloning site Green=Tags(s) MEYFMVPTQKVPKSLQHFRTKEVIGGLCSLANIPLTPETQRDQERRIRREIANSNERRRMQSINAGFQS LKTLPHTDGEKLSKAAILQQTAEYIFSLQEKTRLLQQTQLKRFIQELSGSSPKRRRAEDKDEGIGSP DIWEDEKAEDLRREMIELRQQLDKERSVRMLLEEQVRSLEAHMYPEKLVIAQQVQLQQQEQVRLHLQE KLEREQQLRTQLLPPAPTHHPTVIVPAPPPSHHINVTMGPSVINSVSTSRQNLDTIVQAIQHIE GTQEKQLEEEQRRAVIVKPVRSCEAPTSDTASDSEASDSDAMDQSREEPSGDGELP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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:	NP_003214
RefSeq Size:	2147
RefSeq ORF:	1014
Synonyms:	AP-4; bHLHc41
Locus ID:	7023



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UniProt ID: [Q01664](#)

Cytogenetics: 16p13.3

Summary: Transcription factors of the basic helix-loop-helix-zipper (bHLH-ZIP) family contain a basic domain, which is used for DNA binding, and HLH and ZIP domains, which are used for oligomerization. Transcription factor AP4 activates both viral and cellular genes by binding to the symmetrical DNA sequence CAGCTG (Mermod et al., 1988 [PubMed 2833704]; Hu et al., 1990 [PubMed 2123466]).[supplied by OMIM, Jul 2009]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified TFAP4 protein (Cat# [TP303773]). The protein was produced from HEK293T cells transfected with TFAP4 cDNA clone (Cat# [RC203773]) using MegaTran 2.0 (Cat# [TT210002]).