

Product datasheet for PH303773

OriGene Technologies, Inc.

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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:HumanExpression Host:HEK293

Expression cDNA Clone

RC203773

or AA Sequence:

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Predicted MW: 38.7 kDa

Protein Sequence: >RC203773 protein sequence

Red=Cloning site Green=Tags(s)

MEYFMVPTQKVPSLQHFRKTEKEVIGGLCSLANIPLTPETQRDQERRIRREIANSNERRRMQSINAGFQS LKTLIPHTDGEKLSKAAILQQTAEYIFSLEQEKTRLLQQNTQLKRFIQELSGSSPKRRRAEDKDEGIGSP DIWEDEKAEDLRREMIELRQQLDKERSVRMMLEEQVRSLEAHMYPEKLKVIAQQVQLQQQQEQVRLLHQE KLEREQQQLRTQLLPPPAPTHHPTVIVPAPPPPPSHHINVVTMGPSSVINSVSTSRQNLDTIVQAIQHIE

GTQEKQELEEEQRRAVIVKPVRSCPEAPTSDTASDSEASDSDAMDQSREEPSGDGELP

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- 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: NP 003214

RefSeq Size: 2147 RefSeq ORF: 1014

Synonyms: AP-4; bHLHc41

Locus ID: 7023





UniProt ID: Q01664

Cytogenetics: 16p13.3

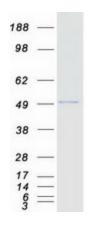
Summary: Transcription factors of the basic helix-loop-helix-zipper (bHLH-ZIP) family contain a basic

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]).