

Recombinant Full Length Human TFAP4 Protein, C-Flag-tagged

Cat. No. TFAP4-2133HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TFAP4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	38.5 kDa
AA Sequence	MEYFMVPTQKVPSLQHFRKTEKEVIGGLCSLANIPLTPETQRDQERRIRREIANSNE RRRMQSINAGFQS LKTLIPHTDGEKLSKAAILQQTAHEYIFSLEQEKTRLLQQNTQLKR FIQELSGSSPKRRRAEDKDEGIGSP DIWEDEKAEDLRREMIELRQQLDKERSVRMM LEEQVRSLEAHMYPEKLKVIAQQVQLQQQQEQVRLHHE KLEREQQQLRTQLLPP PAPTHHPTVIVPAPPPPPSHHINVVTMGPSSVINSVSTSRQNLDTIVQAIQHIE GTQE KQELEEEQRRVIVKPVRSCEAPTS DTDASDSEASDSDAMDQSREEPSGDGELP T RTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	TFAP4 transcription factor AP-4 [Homo sapiens (human)]
Official Symbol	TFAP4
Synonyms	AP-4; bHLHc41
Gene ID	7023
mRNA Refseq	NM_003223.3
Protein Refseq	NP_003214.1
MIM	600743

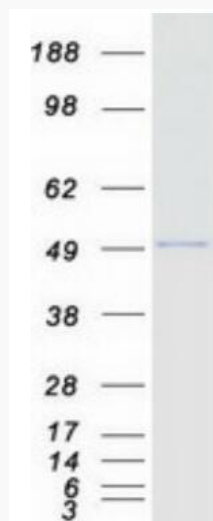
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UniProt ID

Q01664



Coomassie blue staining of purified TFAP4 protein.

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