

Recombinant Human TFAP2A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TFAP2A-1480H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TFAP2A MS Standard C13 and N15-labeled recombinant protein (NP_001027451) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	47.2 kDa
AA Sequence	MLVHSFSAMDRHDGTSNGTARLPQLGTVGQSPYTSAPPLSHTPNADFQPPYFPPP YQPIYPQSQDPYSHVNDPYSLNPLHAQPQPQHPGWPGQRQSQESGLLHTHRGLP HQLSGLDPRRDYRRHEDLLHGPHALSSGLGDLSIHSLPHAIEEVPHVEDPGINIPDQT VIKKGPPVLSKSNNAVSAIPINKDNLFGGVVNPNEVFCSPGRLSLLSSTSKYKVTV AEVQRRLSPPECLNASLLGGVLRRAKSKNGGRSLREKLDKIGLNLPAGRRKAANVTL LTSLVEGEAVHLARDFGYVCETEFPAKAVAEFLNRQHSDPNEQVTRKNMLLATKQIC KEFTDLAQQDRSPLGNSRPNPILEPGIQSCLTHFNLISHGFGSPAVCAAVTALQNYLT

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	EALKAMDKMYLSNNPNSHTDNNAKSSDKEEKHRKSGPTRTRPLEQKLISEEDLAAN DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	TFAP2A transcription factor AP-2 alpha [Homo sapiens (human)]
Official Symbol	TFAP2A
Synonyms	TFAP2A; transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha); AP2TF, TFAP2, transcription factor AP 2 alpha (activating enhancer binding protein 2 alpha); transcription factor AP-2-alpha; AP 2; AP2-alpha; activator protein 2; AP-2 transcription factor; activating enhancer-binding protein 2-alpha; AP-2; BOFS; AP2TF; TFAP2; AP-2alpha; FLJ51761;
Gene ID	7020
mRNA Refseq	NM_001032280
Protein Refseq	NP_001027451

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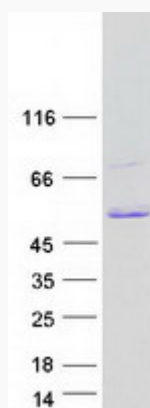
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MIM 107580

UniProt ID P05549

SDS-PAGE



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