

Recombinant Human TFAP2A protein, His-tagged

Cat. No. TFAP2A-3351H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TFAP2A protein(79-431 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	79-431 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LHAQPQPQHPGWPGQRQSQESGLLHTHRGLPHQLSGLDPRRDYRRHEDLLHGPH ALSSGLGDL SIHSLPHAIEEVPHVEDPGINIPDQTVIKKGPVSLSKSNSNAVSAIPINKD NLFGGVVNPNEVFCVPGRLSLLSSTSKYKVTVAEVQRRRLSPPECLNASLLGGVLR RAKSKNGGRSLREKLDKIGLNLPAAGRKAANVTLLTSLVEGEAVHLARDFGYVCETE FPAKAVAEFLNRQHSDPNEQVTRKNMLLATKQICKEFTDLAQRSPPLGNSRPNPIL EPGIQSCSLTHFNLISHGFGSPAVCAAVTALQNYLTEALKAMDKMYLSNNPNSHTDNN AKSSDKEEKHRK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

TFAP2A transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha)
[Homo sapiens]

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

MIM

107580

UniProt ID

P05549

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