

Recombinant Human TFAP2B protein, His-tagged

Cat. No. TFAP2B-3653H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TFAP2B protein(111-460 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	111-460 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	RQEVGSEAGSLLPQPRAALPQLSGLDPRRDYHSVRRPDVLLHSAHHGLDAGMGDS LSLHGLGHPGMEDVQSVEDANNSGMNLLDQSVIKKVPVPPKSVTSLMMNKDGLG GMSVNTGEVFCVPGRLSLLSSTSKYKVTVEVQRRRLSPPECLNASLLGGVLRRAK SKNGGRSLRERLEKIGLNLPAGRRKAANVTLLTSLVEGEAVHLARDFGYICETEFPA KAVSEYLNQRHTDPSDLHSRKNMLLATKQLCKEFTDLLAQDRTPIGNSRPSPILEPGI QSCLTHFSLITHGFGAPAICAALTALQNYLTEALKGMDKMFLNNTTTNRHTSGEGPG SKTGDKEEKHRK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name

TFAP2B transcription factor AP-2 beta (activating enhancer binding protein 2 beta) [Homo sapiens]

Official Symbol

TFAP2B

Synonyms

TFAP2B; transcription factor AP-2 beta (activating enhancer binding protein 2 beta); transcription factor AP 2 beta (activating enhancer binding protein 2 beta); transcription factor AP-2-beta; AP2 B; AP2-beta; activating enhancer binding protein 2 beta; activating enhancer-binding protein 2-beta; AP-2B; AP2-B; MGC21381;

Gene ID

7021

mRNA Refseq

NM_003221

Protein Refseq

NP_003212

MIM

601601

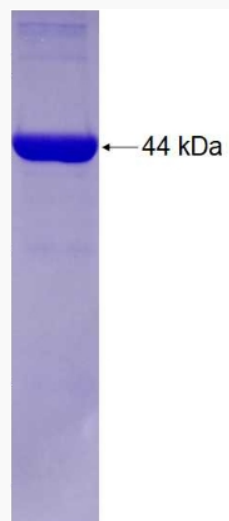
UniProt ID

Q92481

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SDS-PAGE

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