

Recombinant Human GTF2F1, His-tagged

Cat. No. GTF2F1-29170TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length human GTF2F1 with His tag, isolated from an E. coli strain that carries the coding sequence of the protein under the control of a T7 promoter. amino acids 1-517, approximately 59kDa.
Species	Human
Source	E.coli
ProteinLength	1-517 a.a.
Description	The transcription factor IIF (TFIIF) is a heterodimer, composed of 58 kDa (RAP74) and 26 kDa (RAP30) subunits. It was first identified through the ability to interact with immobilized RNA Polymerase II.
Conjugation	HIS
Biological activity	1 unit equals 1 nanogram of purified protein.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris Cl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 8.0

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the TFIIF alpha subunit family.
Full Length	Full L.
GENE INFORMATION	
Gene Name	GTF2F1 general transcription factor IIF, polypeptide 1, 74kDa [Homo sapiens]
Official Symbol	GTF2F1
Synonyms	GTF2F1; general transcription factor IIF, polypeptide 1, 74kDa; general transcription factor IIF, polypeptide 1 (74kD subunit); general transcription factor IIF subunit 1; BTF4; RAP74; TF2F1; TFIIF;
Gene ID	2962
mRNA Refseq	NM_002096
Protein Refseq	NP_002087
MIM	189968
Uniprot ID	P35269
Chromosome Location	19p13.3
Pathway	Abortive elongation of HIV-1 transcript in the absence of Tat, organism-specific

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biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Formation and Maturation of mRNA Transcript, organism-specific biosystem;

Function

DNA binding; catalytic activity; phosphatase activator activity; protein binding; transcription coactivator activity;

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