

Recombinant Human GTF2F1, GST-tagged

Cat. No. GTF2F1-13593H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GTF2F1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	10-215a.a.
Description	N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA receptor channel has been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of three different subunits: NR1 (GRIN1), NR2 (GRIN2A, GRIN2B, GRIN2C, or GRIN2D) and NR3 (GRIN3A or GRIN3B). The NR2 subunit acts as the agonist binding site for glutamate. This receptor is the predominant excitatory neurotransmitter receptor in the mammalian brain.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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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; TFIIF-alpha; transcription initiation factor RAP74; general transcription factor IIF 74 kDa subunit; transcription initiation factor IIF subunit alpha;
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 biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Disease, organism-specific biosystem; Formation of HIV-1 elongation complex containing HIV-1 Tat, organism-specific biosystem; Formation of HIV-1 elongation complex in the absence of HIV-1 Tat, organism-specific biosystem;
Function	DNA binding; catalytic activity; phosphatase activator activity; protein binding;

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transcription coactivator activity; transcription factor binding;

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