

Recombinant Human BRF2, GST-tagged

Cat. No. BRF2-10288H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BRF2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-300a.a.
Description	This gene encodes one of the multiple subunits of the RNA polymerase III transcription factor complex required for transcription of genes with promoter elements upstream of the initiation site. The product of this gene, a TFIIIB-like factor, is directly recruited to the TATA-box of polymerase III small nuclear RNA gene promoters through its interaction with the TATA-binding protein.
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

Gene Name	BRF2 BRF2, subunit of RNA polymerase III transcription initiation factor, BRF1-like [Homo sapiens]
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Official Symbol	BRF2
Synonyms	BRF2; BRF2, subunit of RNA polymerase III transcription initiation factor, BRF1-like; transcription factor IIB 50 kDa subunit; BRFU; FLJ11052; TFIIIB50; BRF-2; hBRFU; hTFIIIB50; B-related factor 2; transcription factor IIB- related factor, TFIIIB50; RNA polymerase III transcription initiation factor BRFU;
Gene ID	55290
mRNA Refseq	NM_018310
Protein Refseq	NP_060780
MIM	607013
UniProt ID	Q9HAW0
Chromosome Location	8p11.23
Pathway	Gene Expression, organism-specific biosystem; RNA Polymerase I, RNA Polymerase III, and Mitochondrial Transcription, organism-specific biosystem; RNA Polymerase III Abortive And Retractive Initiation, organism-specific biosystem; RNA Polymerase III Transcription, organism-specific biosystem; RNA Polymerase III Transcription Initiation, organism-specific biosystem; RNA Polymerase III Transcription Initiation From Type 3 Promoter, organism-specific biosystem;
Function	metal ion binding; zinc ion binding;