Recombinant Full Length Human BRF1 Protein, GST-tagged

Cat. No. BRF1-3794HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BRF1 full-length ORF (AAH16743, 1 a.a. - 208 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	208 amino acids
Description	This gene encodes one of the three subunits of the RNA polymerase III transcription factor complex. This complex plays a central role in transcription initiation by RNA polymerase III on genes encoding tRNA, 5S rRNA, and other small structural RNAs. The gene product belongs to the TF2B family. Two alternatively spliced variants encoding different isoforms, that function at different promoters transcribed by RNA polymerase III, have been identified. Other transcript variants are possible, but their full-length natures have not been completely characterized.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	48.62 kDa
AA Sequence	MTGRVCRGCGGTDIELDAARGDTVCTACGSVLEDNIIMSEVQFVESSGGGSSAVGQ FVSLDGAGKTPTLGGGFHVNLGKESRAQTLQNGRRHIHHLGNQLQLNQHCLDTAFN FFKMAVSRHLTRGRKMAHVIAACLYPVCRTEGTPHMLLDLSDLLQVDSLRPASFPT WGCDLGVVTRVVTGVYPRCLHASQWPVCAACPVRKFWSVG

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	BRF1 BRF1 homolog, subunit of RNA polymerase III transcription initiation factor IIIB (S. cerevisiae) [Homo sapiens]
Official Symbol	BRF1
Synonyms	BRF1; BRF1 homolog, subunit of RNA polymerase III transcription initiation factor IIIB (S. cerevisiae); GTF3B, TAF3B2, TAF3C, TATA box binding protein (TBP) associated factor, RNA polymerase III, GTF3B subunit 2; transcription factor IIIB 90 kDa subunit; BRF; hBRF; TFIIIB90; B - related factor 1; general transcription factor IIIB, 90kD subunit; TBP - associated factor, RNA polymerase III, 90kD; TATA box binding protein (TBP)-associated factor 3C; TATA box binding protein (TBP)-associated factor, RNA polymerase III, GTF3B subunit 2; BRF-1; GTF3B; TAF3C; TAF3B2; TF3B90; TAFIII90; FLJ42674; FLJ43034; MGC105048;
Gene ID	2972
mRNA Refseq	NM_001242786
Protein Refseq	NP_001229715
MIM	604902
UniProt ID	Q92994

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