

Recombinant Human BRF2, GST-tagged

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

SPECIFICATION

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| 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 TFIIB-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

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| 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 IIIB 50 kDa subunit; BRFU; FLJ11052; TFIIB50; BRF-2; hBRFU; hTFIIB50; B-related factor 2; transcription factor IIB- related factor, TFIIB50; 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; |

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