

# Recombinant Human BRF2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** BRF2-2665H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | BRF2 MS Standard C13 and N15-labeled recombinant protein (NP_060780) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | 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.                                                                                         |
| <b>Molecular Mass</b>   | 46.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MPGRGRCPDCGSTELVEDSHYSQSQLVCSDCGCVTEGVLTTFSDENLREVTY<br>SRSTGENEQVSRSQQRGLRRVRDLQVLPPTFEDTAVAYYQQAYRHSGIRAARL<br>QKKEVLVGCCVLITCRQHNWPLTMGAICTLLYADLDVFSSTYMQIVKLLGLDVPSLCL<br>AELVKTYCSSFKLFQASPSVPAKYVEDKEKMLSRTMQLVELANETWLVTGRHPLPVI<br>TAATFLAWQSLQPADRLSCSLARFCKLANVDLPYPASSRLQELLAVLLRMAEQLAWL<br>RVLRLDKRSVVKHIGDLLQHRQSLVRSAPFRDGTAEVETREKEPPGWGQGQGEDEV<br>GNNSLGLPQGKRPASPALLPPCMLKSPKRICVPPPVSTVTGDENISDSEIEQYLRTP<br>QEVDRDFQRAQAARQAATSVNPNPTRTRPLEQKLISEEDLAANDILDYKDDDDKV |

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|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 80% as determined by SDS-PAGE and Coomassie blue staining                                |
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                  |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | BRF2 BRF2 RNA polymerase III transcription initiation factor subunit [ Homo sapiens (human) ]                                                                                                                                                                                                                    |
| <b>Official Symbol</b> | BRF2                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 55290                                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>     | NM_018310                                                                                                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>  | NP_060780                                                                                                                                                                                                                                                                                                        |
| <b>MIM</b>             | 607013                                                                                                                                                                                                                                                                                                           |

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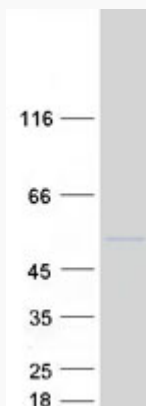
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UniProt ID

Q9HAW0

SDS-PAGE

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