

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

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

SPECIFICATION

Product Overview

BRF2 MS Standard C13 and N15-labeled recombinant protein (NP_060780) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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.

Molecular Mass

46.5 kDa

AA Sequence

MPGRGRCPDCGSTELVEDSHYSQSQLVCSDCGCVVTEGVLTTFSSDEGNLREVTY
 SRSTGENEQVSRSQQRGLRRVRDLRCRVLQLPPTFEDTAVAYYQQAYRHSGIRAARL
 QKKEVLVGCCVLITCRQHWNWPLTMGAICTLLYADLDVFSSTYMQIVKLLGLDVP
 SLCL AELVKTYCSSFKLFQASPSVPAKYVEDKEKMLSRMQLVELANETWLV
 TGRHPLPVI TAATFLAWQSLQPADRLSCSLARFCKLANVDLPYPASSRLQELLAV
 LLRMAEQLAWL RVLRLDKRSVVKHIGDLLQHRQSLVRSAFRDGTAEVETREKEPP
 GWGQGQGEV GNNSLGLPQGKRPASPALLPPCMLKSPKRICVPPVSTVTGDENISD
 SEIEQYLRTP QEV RDFQRAQAARQAATSVPNPPTTRTRPLEQKLISEEDLAANDIL
 DYKDDDDKV

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

GENE INFORMATION

Gene Name	BRF2 BRF2 RNA polymerase III transcription initiation factor subunit [Homo sapiens (human)]
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

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UniProt ID

Q9HAW0

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