

Product datasheet for **TP313148L**

BRF1 (NM_001519) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human BRF1 homolog, subunit of RNA polymerase III transcription initiation factor IIIB (*S. cerevisiae*) (BRF1), transcript variant 1, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC213148 representing NM_001519
Red=Cloning site **Green**=Tags(s)

MTGRVCRGCGGTDIELDAARGDAVCTACGSVLEDNIIIVSEVQFVLESSGGSSAVGQFVSLDGAGKTPTLG
GGFHVNLGKESRAQTLQNGRRHIHHLGNQLQLNQHCLDTAFNFFKMAVSRHLTRGRKMAHVIAACLYLVC
RTEGTPHMLLDLSDLLQVNVYVLGKTFLLLARELCINAPAI DPCLYIPRFAHLLEFGEKNHEVSMTALRL
LQRMKRDWMHTGRRPSGLCGAALLVAARMHDFRRTVKEVISVVKVCESTLRKRLTEFEDTPTSQTLTIDEF
MKIDLEEECDPPSYTAGQRKLRMKQLEQVLSKKLEEVEGEISSYQDAIEIELENSRPKAKGGLASLAKDG
STEDTASSLCGEEDTEDEELEAAASHLNKDLYRELLGGAPGSSEAAGSPEWGGRRPALGSLDPLPTAAS
LGISDSIRECISSQSDPKDASGDGELDLSGIDDLEIDRYILNESEARVKAELWMRENAEYLREQREKEA
RIAKEKELGIYKEHKPKKSKRRREPIQASTAREAAIEKMLEQKKISSKINYSVLRGLSSAGGGSPHREDAQ
PEHSASARKLSRRRTPASRSGADPVTSVGKRLRPLVSTQPAKKVATGEALLPSSPTLGAEPARPQAVLVE
SGPVSYHADEEADEEEDGEPDCEVSALQMMGSNDYGCDDGDDGY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 73.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

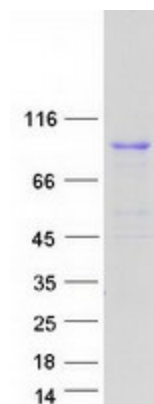
Storage: Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001510
Locus ID:	2972
UniProt ID:	Q92994
RefSeq Size:	3660
Cytogenetics:	14q32.33
RefSeq ORF:	2031
Synonyms:	BRF; BRF-1; CFDS; GTF3B; hBRF; HEL-S-76p; TAF3B2; TAF3C; TAFIII90; TF3B90; TFIIIB90
Summary:	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. Several alternatively spliced variants encoding different isoforms, that function at different promoters transcribed by RNA polymerase III, have been identified. [provided by RefSeq, Jun 2011]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified BRF1 protein (Cat# [TP313148]). The protein was produced from HEK293T cells transfected with BRF1 cDNA clone (Cat# [RC213148]) using MegaTran 2.0 (Cat# [TT210002]).