

Product datasheet for TP313148M

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 (<i>S. cerevisiae</i>) (BRF1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213148 representing NM_001519 Red=Cloning site Green=Tags(s)

MTGRVCRGCGGTDIELDAARGDAVCTACGSVLEDNIIIVSEVQFVSSGGGSSAVGQFVSLDGAGKTPTLG
GGFHVNLGKESRAQTLQNGRRHIHHLGNQLQLNQHCLDTAFNFFKMAVSRHLTRGRKMAHVIAACLYLVC
RTEGTPHMLLDLSDLLQVNVYVLGKTFLLLARELCINAPAI DPCLYIPRFAHLLFGEKNHEVSMTALRL
LQRMKRDWMHTGRRPSGLCGAALLVAARMHDFRRTVKEVISVVKVCESTRKRLTEFEDTPTSQTLTIDEF
MKIDLEEECDPPSYTAGQRKLRMKQLEQVLSKKLEEVEGEISSYQDAIEIELENSRPKAKGGLASLAKDG
STEDTASSLCGEEDTEDEELEEAAASHLNKDLYRELLGGAPGSSEAAGSPEWGGRRPALGSLDPLPTAAS
LGISDSIRECISSQSDPKDASGDGELDLSGIDDLEIDRYILNESEARVKAELWMRENAEYLREQREKEA
RIAKEKELGIYKEHKPKKSKRREPIQASTAREAAIEKMLEQKKISSKINYSVLRLGSSAGGGSPHREDAQ
PEHSASARKLSRRRTPASRSGADPVTSVGKRLRPLVSTQPAKKVATGEALLPSSPTLGAEPARPQAVLVE
SGPVSYHADEEAEDEEPDEEDGEPVCVSALQMMGSNDYGCDDGDDGGY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

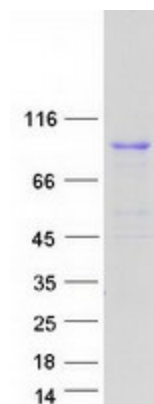
Tag:	C-Myc/DDK
Predicted MW:	73.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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]).