

Product datasheet for PH313148

BRF1 (NM_001519) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BRF1 MS Standard C13 and N15-labeled recombinant protein (NP_001510)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213148
Predicted MW:	73.7 kDa
Protein Sequence:	>RC213148 representing NM_001519 Red =Cloning site Green =Tags(s)

MTGRVCRGCGGTDIELDAARGDAVCTACGSVLEDNIIVSEVQFVESSGGGSSAVGQFVSLDGAGKPTLG
GGFHVNLGKESRAQTLQNGRRHIHHLGNQLQLNQHCLDTAFNFFKMAVSRHLTRGRKMAHVIAACLVLVC
RTEGTPHMLLDLSDLLQVNVYVLGKTFLLLAREL CINAPAIDPCLYIPRF AHLLEFGEKNHEVSMTALRL
LQRMKRDWMHTGRRPSGLCGAALLVAARMHDFRRTVKEVISVVKVCESTRKRLTEFEDTPTSQLTIDEF
MKIDLEEECDPPSYTAGQRKLRMKQLEQVL SKKLEEEVEGEISSYQDAIEIELENSRPKAKGGLASLAKDG
STEDTASSLCGEEDTEDEELEEAAASHLNKDL YRELLGGAPGSSEAAGSPEWGRPPALGSLLDPLPTAAS
LGISDSIRECISQSSDPK DASGDGELDL SGIDDLEIDRYILNESEARVKAELWMRENAEYLREQREKA
RIAKEKELGIYKEHKPKK SCKRREPIQASTAREAIEKMLEQKKISSKINYSVLRGLSSAGGSPHREDAQ
PEHSASARKLSRRRTPASRSGADPVTSVGKRLRPLVSTQPAKKVATGEALLPSSPTLGAEPARPQAVLVE
SGPVSYHADEEAEDEEEDGEDGEPVSA LQMMGSNDYGCDDGDEDDGY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001510
RefSeq Size:	3660



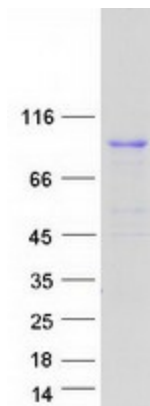
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RefSeq ORF:	2031
Synonyms:	BRF; BRF-1; CFDS; GTF3B; hBRF; HEL-S-76p; TAF3B2; TAF3C; TAFIII90; TF3B90; TFIIIB90
Locus ID:	2972
UniProt ID:	Q92994
Cytogenetics:	14q32.33

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]).