

Product datasheet for PH302314

BRF2 (NM_018310) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BRF2 MS Standard C13 and N15-labeled recombinant protein (NP_060780)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202314
Predicted MW:	46.5 kDa
Protein Sequence:	>RC202314 protein sequence Red =Cloning site Green =Tags(s)

MPGRGRCPDCGSTELVEDSHYSQSQLVCSDCGCVVTEGVLTITTFSDENLREVTYSRSTGENEQVSRSQQ
 RGLRRVRDLCRVLQLPPTFEDTAVAYYQQAYRHSGIRAARLQKKEVLVGCCVLITCRQHNWPLTMGAICT
 LLYADLDVFSSTYMQIVKLLGLDVPSLCLAELVKTYCSSFKLFQASPSVPAKYVEDKEKMLSRMTQLVEL
 ANETWLVTRHPLPVITAATFLAWQSLQPADRLSCSLARFCKLANVDLPYPASSRLQELLAVLLRMAEQL
 AWLRVLRDLKRSVVKHIGDLLQHRQSLVRSFRDGTAEVETREKEPPGWGGQGEVGNNSLGLPQGKR
 PASPALLLPCCMLKSPKRICPVPPVSTVTGDENISDSEIEQYL RTPQEV RDFQRAQAARQAATSVPNPP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	<u>NP_060780</u>
RefSeq Size:	2007
RefSeq ORF:	1257
Synonyms:	BRFU; TFIIIB50
Locus ID:	55290


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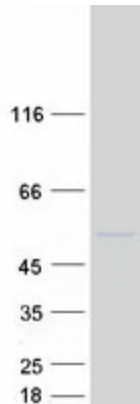
UniProt ID: Q9HAW0

Cytogenetics: 8p11.23

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified BRF2 protein (Cat# [TP302314]). The protein was produced from HEK293T cells transfected with BRF2 cDNA clone (Cat# [RC202314]) using MegaTran 2.0 (Cat# [TT210002]).