



Mouse anti-Human BRF1 monoclonal antibody, clone 3F0 (CABT-B9862)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	BRF1 (AAH16743, 1 a.a. ~ 209 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3F0
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MTGRVCRGCGGTDIELDAARGDAVCTACGSVLEDNIIVSEVQFVESSGGGSSAVGQFVSL DGAGKTPTLGGGFHVNLGKESRAQTLQNGRRHHHLGNQLQLNQHCLDTAFNFFKMAVSR HLTRGRKMAHVIAACLYLCRTEGTPHMLLDLSDLLQVDSL RPASFPTWGC DLGVVTRVV TGVYPRCLHASQWPVCAACPVRKFWSVG*
Format	Liquid
Size	50 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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]
Keywords	BRF1; BRF1, RNA polymerase III transcription initiation factor 90 kDa subunit; BRF; hBRF; BRF-1; GTF3B; TAF3C; TAF3B2; TF3B90; TAFIII90; TFIIIB90; HEL-S-76p; transcription factor IIIB 90 kDa subunit; B - related factor 1; general transcription factor IIIB, 90kD subunit; TBP - associated factor, RNA polymerase III, 90kD; epididymis secretory sperm binding protein Li 76p; TATA box binding protein (TBP)-associated factor 3C; BRF1 homolog, subunit of RNA polymerase III transcription initiation factor IIIB; TATA box binding protein (TBP)-associated factor, RNA polymerase III, GTF3B subunit 2;

GENE INFORMATION

Entrez Gene ID	2972
Pathway	RNA Polymerase I, RNA Polymerase III, and Mitochondrial Transcription, organism-specific biosystem; RNA Polymerase III Abortive And Retractive Initiation, organism-specific biosystem; RNA Polymerase III Transcription, organism-specific biosystem; RNA Polymerase III Transcription Initiation, organism-specific biosystem; RNA Polymerase III Transcription Initiation From Type 1 Promoter, organism-specific biosystem; RNA Polymerase III Transcription Initiation From Type 2 Promoter, organism-specific
Function	metal ion binding; translation initiation factor activity; zinc ion binding