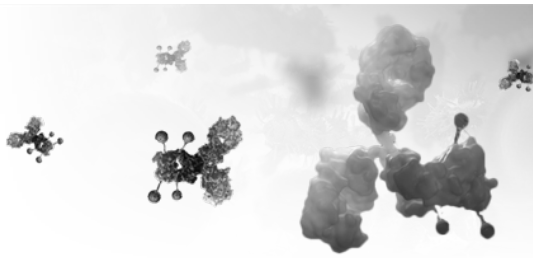

Mouse anti-Human GTF2IRD1 monoclonal antibody, clone 3D8 (CABT-B10372)

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

PRODUCT INFORMATION

Immunogen	GTF2IRD1 (AAH18136, 1 a.a. ~ 960 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3D8
Conjugate	Unconjugated
Applications	WB,IF,sELISA,ELISA
Sequence Similarities	MALLGKRCDVPTNGCGPDRWNSAFTRKDEIITSLVSALDSMCSALSKLNAEVACVAVHDE SAFVVSTEKGRMFLNARKELQSDFLRFCRGPPWKDPEAEHPKKVQRGEGGGRSLPRSSLE HGSDVYLLRKMVEEVFDVLYSEALGRASVVPLPYERLLREPGLLAVQGLPEGLAFRRPAE YDPKALMAILEHSHRIRFKLKRPLEDGGRDSKALVELNGVSLIPKGSRDCGLHGQAPKVP PQDLPPTATSSSMAS
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

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Introduction	The protein encoded by this gene contains five GTF2I-like repeats and each repeat possesses a potential helix-loop-helix (HLH) motif. It may have the ability to interact with other HLH-proteins and function as a transcription factor or as a positive transcriptional regulator under the control of Retinoblastoma protein. This gene plays a role in craniofacial and cognitive development and mutations have been associated with Williams-Beuren syndrome, a multisystem developmental disorder caused by deletion of multiple genes at 7q11.23. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2010]
Keywords	GTF2IRD1; GTF2I repeat domain containing 1; BEN; WBS; GTF3; RBAP2; CREAM1; MUSTRD1; WBSCR11; WBSCR12; hMusTRD1alpha1; general transcription factor II-I repeat domain-containing protein 1; USE B1-binding protein; general transcription factor 3; general transcription factor III; binding factor for early enhancer; slow-muscle-fiber enhancer-binding protein; Williams-Beuren syndrome chromosome region 11; williams-Beuren syndrome chromosomal region 12 protein; muscle TFII-I repeat domain-containing protein 1 alpha 1;

GENE INFORMATION

Entrez Gene ID	9569
UniProt ID	Q9UHL9
Pathway	Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem
Function	DNA binding; protein binding; sequence-specific DNA binding transcription factor activity; sequence-specific enhancer binding RNA polymerase II transcription factor activity

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