9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

BRD2 Human

Bromodomain Containing 2 Human Recombinant
RCP0233

Product Overview

Name	BRD2 Human
Description	
Bromodomain Containing 2 Human Recombinant	
Accession (Primary)	P25440
Synonyms	
Bromodomain Containing 2, RING3, Really Interesting New Gene 3 Protein, Bromodomain-Containing 2, O27.1.1, FSRG1, Female Sterile Homeotic-Related Gene 1, Bromodomain-Containing Protein 2, KIAA9001, D6S113E, RNF3, FSH, NAT, Bromodomain-containing protein 2 .	
Introduction	
Bromodomain Containing 2, also known as BRD2 is a transcriptional regulator which is a member of the BET, bromodomains and extra terminal domain, family of roteins. BRD2 links with transcription complexes and it acetylated chromatin in the course of mitosis, and it selectively binds o the acetylated lysine-12 residue of histone H4 through its two romodomains. BRD2 maps to the major histocompatability complex MHC) class II region on chromosome 6p21.3, however sequence comparison advocate that the protein is not implicated in the immune response. BRD2 has been implicated in juvenile myoclonic epilepsy, a common form of epilepsy which grows to be visible in adolescence .	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
BRD2 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MLQNVTP HNKLPGEGNA GLLGLGPEAA APGKRIRKPS LLYEGFESPT	

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MASVPALQLT PANPPPPEVS NPKKPGRVTN QLQYLHKVVM KALWKHQFAW PFRQPVDAVK LGLPDYHKII KQPMDMGTIK RRLENNYYWA ASECMQDFNT MFTNCYIYNK PTDDIVLMAQ TLEKIFLQKV ASMPQEEQEL VVTIPKNSHK KGAKLAALQG SVTSAHQVPA VSSVSHTALY TPPPEIPTTV LNIPHPSVIS SPLLKSLHSA GPPLLAVTAA PPAQPLAKKK GVKRKADTTT PTPTAILAPG SPASPPGSLE PKAARLPPMR RESGRPIKPP RKDLPDSQQQ HQSSKKGKLS EQLKHCNGIL KELLSKKHAA YAWPFYKPVD ASALGLHDYH DIIKHPMDLS TVKRKMENRD YRDAQEFAAD VRLMFSNCYK YNPPDHDVVA MARKLQDVFE FRYAKMPD.

Precautions

BRD2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P25440)