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Product datasheet for TP511186

Brd8 (BC025644) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse bromodomain containing 8 (cDNA clone MGC:36597 IMAGE:5323755), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211186 protein sequence Red=Cloning site Green=Tags(s) MRSGDQNWVSVSRAIKPFAEPGRPPDWFSQKHCASQYSELLETTETPKRKRGEKGEVVETVEDVIVRKLT AERVEELKKVIKETQERYRRLKRDAELIQAGHMDSRLDELCNDIAMKKKLEEEEAEVKRKATDAAYQARQ AVKTPPRRLPTVMVRSPVDSASPGGDYPLGDLTPTTMEEATSGVTPGTLPSTPVTSFPGIPDTLPPGSAP LEAPMTPITDDSPQKKMLGQKATPPPSPLLSELLKKGSLLPTSPRLVNESEMPVPPGHLNSTGVLLEVGG VLPMIHGGEIQPTTSAVAASPAASGAPTLSRLLEAGPTQFTTPLPSFTTVASEPPVKLVPPPVESVSQAT IVMMPALPAPSSAAAVSTSESGAPVSQPEPCVPLEAVGDPHTVTVSMDSNEISMIINSIKEECFRSGVAE APGGSKAPSIDGKEDLDLAEKMDIAVSYTGEELDFETVGDIIAIIEDKVDDHPEVLDVAAVEAALSFCEE NDDPQSLPGPWEHPIQQERDKPVPLPAPEMTVKQERLDFEESENKGLHDLVDIRDSGVEIKVEPTEPEPG MSGAEIVAGVGPVPSMEPPELRSQDSDEEPRSSAAGDIGEADGSSGKGDERPLSAVKTEASPESMLSPSH GSNLIEDPLEAETQHKFEMSDSLKEESGTIFGSQIKDAPGDDEEEDGVSEAASLEEPKEEDQGEGYLSEM DNEPPVSESDDGFSIHNATLQSHTLADSIPSSPASSQFSVCSEDQEAIQAQKIWKKAIMLVWRAAANHRY ANVFLQPVTDDIAPGYHSIVQRPMDLSTIKKNIENGLIRSTAEFQRDIMLMFQNAVMYNSSDHDVYHMAV EMQRDVLEQIQQFLATQLIMQTSESGISAKSLRGRDSTRKQDASEKDSVPMGSPAFLLSLFDGGTRGRRC AIEADMKMKK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	99.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	78656
UniProt ID:	Q8R3B7
RefSeq Size:	3277
Cytogenetics:	18 B1
RefSeq ORF:	2760
Synonyms:	SMAP, 4933408B17Rik
Summary:	May act as a coactivator during transcriptional activation by hormone-activated nuclear receptors (NR). Stimulates transcriptional activation by AR/DHTR, ESR1/NR3A1, RXRA/NR2B1 and THRB/ERBA2. Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage. Component of a SWR1-like complex that specifically mediates the removal of histone H2A.Z/H2AFZ from the nucleosome.[UniProtKB/Swiss-Prot Function]