Deleted in Bladder Cancer Protein 1 Homolog (DBC1) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Deleted in bladder cancer protein 1 homolog (Dbc1), Recombinant Protein
Full Product Name	Recombinant Rat Deleted in bladder cancer protein 1 homolog (Dbc1)
Product Gene Name	Dbc1 recombinant protein
Product Synonym Gene Name	Dbc1
Sequence	RISVQPSHQE PAGTDQHVSK EFDWLISDRG PFHHSRSYLS FVERHRQGFT TRYKIYREFA RWKVRNTAIE RRDLVRHPVP LMPEFQRSIR LLGRRPTTQQ FIDTIIKKYG THLLISATLG GEEALTMYMD KSRLDRKSGN ATQSVEALHQ LASSYFVDRD GTMRRLHEIQ ISTGAIKVTE TRTGLLGCNS YDNLDSVSSV LLQSTESKLH LQGLQIIFPQ YLQEKFVQSA LSYIMCNGEG EYVCQNSQCR CQCAEEFPQC NCPITDIQIM EFTLANMAKA WTEAYKDLEN SDEFKSFMKR LPSNHFLTIG SIHQHWGNDW DLQSRYKLLQ SATEAQRQKI QRTARKLFGL SVRCRHNPNH QLPRERTIQQ WLARVQSLLY CNENGFWGTF LESQRSCVCH GSTTLCQRPI PCIIGGNNSC AMCSLANISL CGSCNKGYKL YRGRCEPQNV DSERSEQFIS FETDLDFQDL ELKYLLQKMD SRLYVHTTFI SNEIRLDTFF DLRWRKRMSL TLKSNKNRMD FIHMVIGMSM RICQMRNSSL DPMFFVYVNP FSGSHSEGWN MPFGEFGYPR WEKIRLQNSQ CYNWTLLLGN RWKTFFETVH IYLRSRTRLP TLRNETGQGP VDLSDPSKRQ FYIKISDVQV FGYSLRFNAD LLRSAVQQVN QSYTQGGQFY SSSSVMLLML DIRDRINRLA PPVAPGKPQL DLFSCMLKHR LKLTNSEIIR VNHALDLYNT EILKQSDQMT AKLC
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	88,654 Da
Sequence Positions	17-760, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q925T8
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Dbc1 recombinant protein	This gene is located within a chromosomal region that shows loss of heterozygosity in some bladder cancers. It contains a 5 CpG island that may be a frequent target of hypermethylation, and it may undergo hypermethylation-based silencing in some bladder cancers.
Other Notes	Small volumes of Dbc1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Dbc1 purchase	MBS1476129 is a recombinant protein targeting Dbc1. Also known as Recombinant Rat Deleted in bladder cancer protein 1 homolog (Dbc1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Dbc1. It may not necessarily be applicable to this product.

NCBI GI #	17978461
NCBI GeneID	140610
NCBI Accession #	NP_536730.1
UniProt Primary Accession #	Q925T8
UniProt Related Accession #	Q925T8
GenBank Nucleotide #	NM_080482.2
NCBI Official Full Name	BMP/retinoic acid-inducible neural-specific protein 1
NCBI Official Synonym Full Names	BMP/retinoic acid inducible neural specific 1
NCBI Official Symbol	Brinp1
NCBI Official Synonym Symbols	Dbc1; Dbccr1
UniProt Protein Name	BMP/retinoic acid-inducible neural-specific protein 1
UniProt Synonym Protein Names	Deleted in bladder cancer protein 1 homolog
UniProt Gene Name	Brinp1
UniProt Synonym Gene Names	Brinp; Dbc1; Dbccr1; Fam5a
NCBI Protein Information	BMP/retinoic acid-inducible neural-specific protein 1
NCBI Summary for Dbc1	human homolog involved in mediating cell death in cultured bladder tumor cells [RGD, Feb 2006]
UniProt Comments for Dbc1	Inhibits cell proliferation by negative regulation of the G1/S transition. Mediates cell death which is not of the classical apoptotic type and regulates expression of components of the plasminogen pathway ().
Research Articles on Dbc1	**1.** The findings of this study identify a role for RLR signaling and type I IFN in regulating astrocyte innate immune responses after SCI. (c) 2011 Wiley Periodicals, Inc.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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