3'-N-Debenzoyl-2'-Deoxytaxol N-Benzoyltransferase (TAX10) Taxus Canadensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	3'-N-debenzoyl-2'-deoxytaxol N-benzoyltransferase (TAX10), Recombinant Protein
Full Product Name	Recombinant Taxus canadensis 3'-N-debenzoyl-2'-deoxytaxol N-benzoyltransferase (TAX10)
Product Gene Name	TAX10 recombinant protein
Product Synonym Names	3'-N-debenzoyl-2'-deoxytaxol N-benzoyltransferase; DBTNBT; EC=2.3.1.-
Sequence	MEKAGSTDFH VKKFDPVMVA PSLPSPKATV QLSVVDSLTI CRGIFNTLLV FNAPDNISAD PVKIIREALS KVLVYYFPLA GRLRSKEIGE LEVECTGDGA LFVEAMVEDT ISVLRDLDDL NPSFQQLVFW HPLDTAIEDL HLVIVQVTRF TCGGIAVGVT LPHSVCDGRG AAQFVTALAE MARGEVKPSL EPIWNRELLN PEDPLHLQLN QFDSICPPPM LEELGQASFV INVDTIEYMK QCVMEECNEF CSSFEVVAAL VWIARTKALQ IPHTENVKLL FAMDLRKLFN PPLPNGYYGN AIGTAYAMDN VQDLLNGSLL RAIMIIKKAK ADLKDNYSRS RVVTNPYSLD VNKKSDNILA LSDWRRLGFY EADFGWGGPL NVSSLQRLEN GLPMFSTFLY LLPAKNKSDG IKLLLSCMPP TTLKSFKIVM EAMIEKYVSK V
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	49,041 Da
Sequence Positions	1-441aa; 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 Q8LL69
Species	Taxus canadensis (Canadian yew)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TAX10 recombinant protein	MBS1344347 is a recombinant protein targeting TAX10. Also known as Recombinant Taxus canadensis 3'-N-debenzoyl-2'-deoxytaxol N-benzoyltransferase (TAX10). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TAX10 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TAX10. It may not necessarily be applicable to this product.

NCBI GI #	28558088
NCBI Accession #	Q8LL69.1
UniProt Primary Accession #	Q8LL69

NCBI Official Full Name	3'-N-debenzoyl-2'-deoxytaxol N-benzoyltransferase
UniProt Protein Name	3'-N-debenzoyl-2'-deoxytaxol N-benzoyltransferase
Protein Family	3'-N-debenzoyl-2'-deoxytaxol N-benzoyltransferase
UniProt Gene Name	TAX10
UniProt Synonym Gene Names	DBTNBT
UniProt Entry Name	DBNBT_TAXCA
UniProt Comments for TAX10	Catalyzes the stereoselective coupling of the surrogate substrate N-debenzoyl-(3'RS)-2'-deoxytaxol with benzoyl-CoA to form predominantly one 3'-epimer of 2'-deoxytaxol.
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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