

Benzoate carboxyl methyltransferase (BAMT), Recombinant Protein

Cat *RP20382*

Size *0.02 mg (E-Coli); 0.1 mg (E-Coli); 0.02 mg (Yeast); 0.1 mg (Yeast); 0.02 mg (Baculovirus); 1 mg (E-Coli); 0.02 mg*

Species *(Mammalian-Cell); 0.1 mg (Baculovirus); 1 mg (Yeast); 0.1 mg (Mammalian-Cell); 1 mg (Baculovirus); 0.5 mg (Mammalian-Antirrhinum majus (Garden snapdragon) Cell)*

Full Product Name

Recombinant *Antirrhinum majus* Benzoate carboxyl methyltransferase (BAMT)

Product Gene Name

BAMT recombinant protein

Product Synonym Gene Name

BAMT

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MKVMKLLCM NIAGDGETSY ANNSGLQKVM MSKSLHVLDE TLKDIIGDHV GFPKCFKMMD MGCSSGPNAL
LVMSGIINTI EDLYTEKNIN ELPEFEVFLN DLPDNDFNNL FKLLSHENGN CFVYGLPGSF YGRLLPKKSL
HFAYSSYSIH WLSQVPEGLE DNNRQNIYMA TESPPEVYKA YAKQYERDFS TFLKLRGEEI VPGGRMVLTF
NGRSVEDPSS KDDLAIFTLL AKTLVDMVAE GLVKMDDLYS FNIPYSPCT REVEAILSE GSFTLDRLEV
FRVCWDASDY TDDDDQQDPS IFGKQRSGKF VADCVRAITE PMLASHFGST IMDLLFGKYA KKIVEHLSVE
NSSYFSIVVS LSRR

Sequence Positions

1-364, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

41,011 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Benzoate carboxyl methyltransferase

NCBI Accession

Q9FYZ9.1

NCBI GI

73619518

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Full Name
(Mammalian-Cell); 0.1 mg (Baculovirus); 1 mg (Yeast); 0.1 mg (Mammalian-Cell); 1 mg (Baculovirus); 0.5 mg (Mammalian-Cell)
Benzoate carboxyl methyltransferase

UniProt Gene Name

BAMT

UniProt Protein Name

Benzoate carboxyl methyltransferase

UniProt Synonym Protein Names

S-adenosyl-L-methionine:benzoic acid carboxyl methyltransferase

UniProt Primary Accession

Q9FYZ9

UniProt Comments

Converts benzoic acid into the volatile ester methyl benzoates. This scent, mostly produced in a rhythmical, diurnal manner, attracts the pollinators.

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