Chloramphenicol Acetyltransferase 3 (cat3) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chloramphenicol acetyltransferase 3 (cat3), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Chloramphenicol acetyltransferase 3 (cat3)
Product Gene Name	cat3 recombinant protein
Sequence	MNYTKFDVKN WVRREHFEFY RHRLPCGFSL TSKIDITTLK KSLDDSAYKF YPVMIYLIAQ AVNQFDELRM AIKDDELIVW DSVDPQFTVF HQETETFSAL SCPYSSDIDQ FMVNYLSVME RYKSDTKLFP QGVTPENHLN ISALPWVNFD SFNLNVANFT DYFAPIITMA KYQQEGDRLL LPLSVQVHHA VCDGFHVARF INRLQELCNS KLK
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	24,994 Da
Sequence Positions	1-213, 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 P00484
Species	Escherichia coli
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cat3 recombinant protein	MBS1226327 is a recombinant protein targeting cat3. Also known as Recombinant Escherichia coli Chloramphenicol acetyltransferase 3 (cat3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cat3 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 cat3. It may not necessarily be applicable to this product.

NCBI GI #	115686
NCBI Accession #	P00484.1
UniProt Primary Accession #	P00484
NCBI Official Full Name	Chloramphenicol acetyltransferase 3
UniProt Protein Name	Chloramphenicol acetyltransferase 3
UniProt Synonym Protein Names	Chloramphenicol acetyltransferase III; CAT-III
Protein Family	Catalase

UniProt Gene Name	cat3
UniProt Synonym Gene Names	CAT-III
UniProt Comments for cat3	This enzyme is an effector of chloramphenicol resistance in bacteria.
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