DNA-3-Methyladenine Glycosylase (tag) Haemophilus Influenzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA-3-methyladenine glycosylase (tag), Recombinant Protein
Full Product Name	Recombinant Haemophilus influenzae DNA-3-methyladenine glycosylase (tag)
Product Gene Name	tag recombinant protein
Sequence	MTTRCPWVGE QSIYIDYHDK EWGKPEFDSQ KLFEKICLEG QQAGLSWITV LKKRESYREA FHQFDPKKIA KMTALDIDAC MQNSGLIRHR AKLEAIVKNA KAYLAMEKCG ENFSDFIWSF VNHKPIVNDV PDLRSVPTKT EVSKALSKAL KKRGFVFIGE TTCYAFMQSM GLVDDHLNDC PCKTS
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	21,193 Da
Sequence Positions	1-185, 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 P44321
Species	Haemophilus influenzae (strain 51907 / DSM 11121 / KW20 / Rd)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tag recombinant protein	MBS1261443 is a recombinant protein targeting tag. Also known as Recombinant Haemophilus influenzae DNA-3-methyladenine glycosylase (tag). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of tag 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 tag. It may not necessarily be applicable to this product.

NCBI GI #	16272597
NCBI GeneID	949931
NCBI Accession #	NP_438814.1
UniProt Primary Accession #	P44321
UniProt Related Accession #	P44321
GenBank Nucleotide #	NC_000907.1
NCBI Official Full Name	DNA-3-methyladenine glycosylase

NCBI Official Symbol	tagI
UniProt Protein Name	DNA-3-methyladenine glycosylase
UniProt Synonym Protein Names	3-methyladenine-DNA glycosidase; TAG
UniProt Gene Name	tag
UniProt Synonym Gene Names	TAG
NCBI Protein Information	DNA-3-methyladenine glycosylase
UniProt Comments for tag	Hydrolysis of the deoxyribose N-glycosidic bond to excise 3-methyladenine from the damaged DNA polymer formed by alkylation lesions.
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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