Dihydroorotase (pyrC) Escherichia Coli O6 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Dihydroorotase (pyrC), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O6 Dihydroorotase (pyrC)
Product Gene Name	pyrC recombinant protein
Product Synonym Gene Name	pyrC
Sequence	TAPSQVLKIR CPDDWHLHLR DGDMLKTVVP YTSEIYGRAI VMPNLAPPVT TVEAAVAYRQ RILDAVPAGH DFTPLMTCYL TDSLDPNELE RGFNEGVFTA AKLYPANATT NSSHGVTSVD AIMPVLERME KIGMPLLVHG EVTHADIDIF DREARFIESV MEPLRQRLTA LKVVFEHITT KDAADYVRDG NERLAATITP QHLMFNRNHM LVGGVRPHLY CLPILKRNIH QQALRELVAS GFNRVFLGTD SAPHARHRKE SSCGCAGCFN APTALGSYAT VFEEMNALQH FEAFCSVNGP QFYGLPVNDT FIELVREEQQ VAESIALTDD TLVPFLAGET VRWSVKQ
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	38,760 Da
Sequence Positions	2-348, 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 Q8FIR2
Species	Escherichia coli O6
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pyrC recombinant protein	MBS1340468 is a recombinant protein targeting pyrC. Also known as Recombinant Escherichia coli O6 Dihydroorotase (pyrC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pyrC 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 pyrC. It may not necessarily be applicable to this product.

NCBI GI #	446048665
NCBI Accession #	WP_000126520.1
UniProt Primary Accession #	Q8FIR2
GenBank Nucleotide #	WP_000126520.1
NCBI Official Full Name	dihydroorotase

UniProt Protein Name	Dihydroorotase
Protein Family	Dihydroorotase
UniProt Gene Name	pyrC
UniProt Synonym Gene Names	DHOase
UniProt Comments for pyrC	Catalyzes the reversible cyclization of carbamoyl aspartate to dihydroorotate.
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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