Probable Hydroxyacylglutathione Hydrolase Ecu02_0580 (Ecu02_0580) (ECU02_0580) Encephalitozoon Cuniculi Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable hydroxyacylglutathione hydrolase ECU02_0580 (ECU02_0580), Recombinant Protein
Full Product Name	Recombinant Encephalitozoon cuniculi Probable hydroxyacylglutathione hydrolase ECU02_0580 (ECU02_0580)
Product Gene Name	ECU02_0580 recombinant protein
Product Synonym Gene Name	ECU02_0580
Sequence	MGIEVISILV GGGNNYMHLF YDDDAAFCVD ASNPRILLKA LGINFKKSIY DEKEIFSMGE DRKKRRELVY LFTTHKHLDH SAGIRCISEE SPNTKTISGF SGDICKSGDK FRFKDVEIEC FHTPCHTVDS FCFYVGEKYL ATGDTLLFLG CGKFFGGTPG QMIKNIEEIK KRVNHDAVLL YGHDYSEQNI RFTEEFYHVP EEIKKKKFLK LAEEIKYNPF FNLKKVSIEG SEEEVMGKLR ERKNKFSKE
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	28,693 Da
Sequence Positions	1-249, 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 Q8SSH0
Species	Encephalitozoon cuniculi (strain GB-M1) (Microsporidian parasite)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ECU02_0580 recombinant protein	MBS1473083 is a recombinant protein targeting ECU02_0580. Also known as Recombinant Encephalitozoon cuniculi Probable hydroxyacylglutathione hydrolase ECU02_0580 (ECU02_0580). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ECU02_0580 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 ECU02_0580. It may not necessarily be applicable to this product.

NCBI GI #	19073979
NCBI GeneID	858575
NCBI Accession #	NP_584585.1

UniProt Primary Accession #	Q8SSH0
UniProt Related Accession #	CAD25089
GenBank Nucleotide #	NM_001040774.1
NCBI Official Full Name	HYDROXYACYL GLUTATHION HYDROLASE
NCBI Official Symbol	ECU02_0580
UniProt Protein Name	Probable hydroxyacylglutathione hydrolase ECU02_0580
UniProt Synonym Protein Names	Glyoxalase II; Glx II
Protein Family	Probable hydroxyacylglutathione hydrolase
UniProt Gene Name	ECU02_0580
UniProt Synonym Gene Names	Glx II
NCBI Protein Information	HYDROXYACYL GLUTATHION HYDROLASE
UniProt Comments for ECU02_0580	Thiolesterase that catalyzes the hydrolysis of S-D-lactoyl-glutathione to form glutathione and D-lactic acid.
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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