Cytosolic Purine 5'-Nucleotidase (nt5c2) Xenopus Tropicalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cytosolic purine 5'-nucleotidase (nt5c2), Recombinant Protein
Full Product Name	Recombinant Xenopus tropicalis Cytosolic purine 5'-nucleotidase (nt5c2), partial
Product Gene Name	nt5c2 recombinant protein
Product Synonym Gene Name	nt5c2
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	65,965 Da
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 Q5EBF1
Species	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nt5c2 recombinant protein	MBS1306160 is a recombinant protein targeting nt5c2. Also known as Recombinant Xenopus tropicalis Cytosolic purine 5'-nucleotidase (nt5c2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nt5c2 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 nt5c2. It may not necessarily be applicable to this product.

NCBI GI #	62751757
NCBI GeneID	548490
NCBI Accession #	NP_001015773.1
UniProt Primary Accession #	Q5EBF1
UniProt Related Accession #	Q5EBF1
GenBank Nucleotide #	NM_001015773.1
NCBI Official Full Name	cytosolic purine 5'-nucleotidase
NCBI Official Synonym Full Names	5'-nucleotidase, cytosolic II
NCBI Official Symbol	nt5c2

UniProt Protein Name	Cytosolic purine 5'-nucleotidase
UniProt Synonym Protein Names	Cytosolic 5'-nucleotidase II
Protein Family	Cytosolic purine 5'-nucleotidase
UniProt Gene Name	nt5c2
NCBI Protein Information	cytosolic purine 5'-nucleotidase
UniProt Comments for nt5c2	May have a critical role in the maintenance of a constant composition of intracellular purine/pyrimidine nucleotides in cooperation with other nucleotidases. Preferentially hydrolyzes inosine 5'-monophosphate (IMP) and other purine nucleotides ().
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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