Cytochrome P450 19a1 (cyp19a1) Oryzias Latipes Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cytochrome P450 19A1 (cyp19a1), Recombinant Protein
Full Product Name	Recombinant Oryzias latipes Cytochrome P450 19A1 (cyp19a1), partial
Product Gene Name	cyp19a1 recombinant protein
Product Synonym Gene Name	cyp19a1
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	58,941 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 Q92087
Species	Oryzias latipes (Medaka fish) (Japanese ricefish)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cyp19a1 recombinant protein	MBS1385941 is a recombinant protein targeting cyp19a1. Also known as Recombinant Oryzias latipes Cytochrome P450 19A1 (cyp19a1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cyp19a1 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 cyp19a1. It may not necessarily be applicable to this product.

NCBI GI #	523704521
NCBI GeneID	101174651
NCBI Accession #	NP_001265808.1
UniProt Primary Accession #	Q92087
UniProt Secondary Accession #	O13271; O13279; Q9PRF4
UniProt Related Accession #	Q92087
GenBank Nucleotide #	NM_001278879.1
NCBI Official Full Name	aromatase

NCBI Official Symbol	LOC101174651
NCBI Official Synonym Symbols	cyp19; CYPXIX; cyp19a1; Aromatase
UniProt Protein Name	Aromatase
UniProt Synonym Protein Names	CYPXIX; Cytochrome P-450AROM; Cytochrome P450 19A1; Estrogen synthase
Protein Family	Aromatase
UniProt Gene Name	cyp19a1
UniProt Synonym Gene Names	cyp19
NCBI Protein Information	aromatase
UniProt Comments for cyp19a1	Catalyzes the formation of aromatic C18 estrogens from C19 androgens.
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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