Sterol 24-C-Methyltransferase (ERG6) Yarrowia Lipolytica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sterol 24-C-methyltransferase (ERG6), Recombinant Protein
Full Product Name	Recombinant Yarrowia lipolytica Sterol 24-C-methyltransferase (ERG6)
Product Gene Name	ERG6 recombinant protein
Product Synonym Gene Name	ERG6
Sequence	MSSNIKLAQK DYKGDKEFAA ALHGKEGHKK HGLGAVMSKN KDAQAAAVEG FFRNWGDKDR SKIEDADEQG RIEDYAGLTK HYYNLVTDFY EYGWGSSFHF SRYYKGEAFR QATARHEHYL AYKMGIQPGM KVLDVGCGVG GPAREIARFT GANIVGLNNN DYQVERGTHY SEVQGFGDQV TYVKGDFMQM DFPDNSFDAV YAIEATVHAP VLEGVYSEIF RVLKPGGVFG VYEWVMTDEY DESNPEHRDI CYGIEKGDGI PKMYKREVAV KALENVGFDI EYQEDLAADD AEVPWYYPLA GEWKYVQSLN DIVTIGRTSR LGRMVTMNVI GALEKIGLAP QGSRQVTEAL EDAAVNLVAG GKKKLFTPMM LFVSRKPEDK N
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	42,703 Da
Sequence Positions	1-381, Full length
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 Q6C2D9
Species	Yarrowia lipolytica (strain CLIB 122 / E 150) (Yeast) (Candida lipolytica)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ERG6 recombinant protein	MBS1434580 is a recombinant protein targeting ERG6. Also known as Recombinant Yarrowia lipolytica Sterol 24-C-methyltransferase (ERG6). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ERG6 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 ERG6. It may not necessarily be applicable to this product.

NCBI GI #	50555530
NCBI GeneID	2908368
NCBI Accession #	XP_505173.1
UniProt Primary Accession #	Q6C2D9

UniProt Related Accession #	Q6C2D9
GenBank Nucleotide #	XM_505173.1
NCBI Official Full Name	YALI0F08701p
NCBI Official Symbol	YALI0_F08701g
UniProt Protein Name	Sterol 24-C-methyltransferase
UniProt Synonym Protein Names	Delta(24)-sterol C-methyltransferase
Protein Family	Sterol 24-C-methyltransferase
UniProt Gene Name	ERG6
NCBI Protein Information	YALI0F08701p
UniProt Comments for ERG6	Catalyzes the methyl transfer from S-adenosyl-methionine to the C-24 of zymosterol to form fecosterol.
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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