3-Keto-Steroid Reductase (ERG27) Candida Glabrata Recombinant Protein

PRODUCT OVERVIEW

Product Name	3-keto-steroid reductase (ERG27), Recombinant Protein
Full Product Name	Recombinant Candida glabrata 3-keto-steroid reductase (ERG27)
Product Gene Name	ERG27 recombinant protein
Product Synonym Gene Name	ERG27; CAGL0M11506g
Product Synonym Names	3-keto-steroid reductase; EC=1.1.1.270
Sequence	MTSKTRKVAV ITGANSNLGL NIAYRLIERQ SADVRLTLVV TSRTLPRVRE VVELIKKFVA TQEDPCSVDF DYLLVDFTNM VSVLNAYYDL NQKYESINYF FVNAAQGVYD GIDWIGAVKQ VLSDPLEAVT NPTYRKQLVG VKSKDEMGLV FQANVFGPYY LIQKILPQLS KGKATVVWIS SIMADPKHLS LQDIEMIKSD VTYEGSKRVV DLLHLATYKQ MKSQGIHQYV VQPGIFTSYS FAKYLNFFTT FGMLFLFYLA RLLGSKWHNI DGYKAANAPV YVATLINPHF EHQEVKYGSA SSRDGMEYIE TTDIDKTGSS DVLAYIEKKK LEWDDKLKDQ ITNSRIPI
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	39,505 Da
Sequence Positions	1-348aa; 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 Q6FIV3
Species	Candida glabrata (strain 2001 / CBS 138 / JCM 3761 / NBRC 0622 / NRRL Y-65) (Yeast) (Torulopsis glabrata)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ERG27 recombinant protein	MBS1392810 is a recombinant protein targeting ERG27. Also known as Recombinant Candida glabrata 3-keto-steroid reductase (ERG27). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ERG27 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 ERG27. It may not necessarily be applicable to this product.

NCBI GI #	50294860
NCBI GeneID	2891410
NCBI Accession #	XP_449841.1
UniProt Primary Accession #	Q6FIV3

UniProt Related Accession #	Q6FIV3
GenBank Nucleotide #	XM_449841.1
NCBI Official Full Name	hypothetical protein
NCBI Official Symbol	CAGL0M11506g
UniProt Protein Name	3-keto-steroid reductase
Protein Family	3-keto-steroid reductase
UniProt Gene Name	ERG27
UniProt Entry Name	ERG27_CANGA
NCBI Protein Information	hypothetical protein
UniProt Comments for ERG27	Responsible for the reduction of the keto group on the C-3 of sterols.
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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