

Lanosterol 14-alpha demethylase Recombinant Protein | ERG11 recombinant protein

Recombinant Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast) Lanosterol 14-alpha demethylase

CATALOG # AAA116068	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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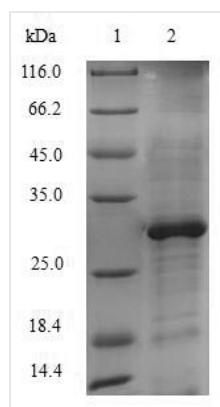
PRODUCT SYNONYMS

Lanosterol 14-alpha demethylase; Recombinant Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast) Lanosterol 14-alpha demethylase; CYPLI; Cytochrome P450 51; Cytochrome P450-14DM; Cytochrome P450-LIA1; Sterol 14-alpha demethylase; ERG11 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-20. Partial
Sequence	MSATKSIVGE ALEYVNIGLS
Species	Saccharomyces cerevisiae (strain # 204508 / S288c) (Baker's yeast)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ERG11 recombinant protein	Catalyzes C14-demethylation of lanosterol which is critical for ergosterol biosynthesis. It transforms lanosterol into 4,4'-dimethyl cholesta-8,14,24-triene-3-beta-ol.
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References	"Primary structure of the P450 lanosterol demethylase gene from <i>Saccharomyces cerevisiae</i> ." Kalb V.F., Woods C.W., Turi T.G., Dey C.R., Sutter T.R., Loper J.C. DNA 6:529-537(1987)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6321795
NCBI GeneID	856398
NCBI Accession #	NP_011871.1
NCBI GenBank Nucleotide #	NM_001179137.1
UniProt Accession #	P10614; D3DKV1
Molecular Weight	29.1 kDa
NCBI Official Full Name	sterol 14-demethylase
NCBI Official Symbol	ERG11
NCBI Official Synonym Symbols	CYP51
NCBI Protein Information	sterol 14-demethylase
UniProt Protein Name	Lanosterol 14-alpha demethylase
UniProt Gene Name	ERG11
UniProt Synonym Gene Names	CYP51
UniProt Entry Name	CP51_YEAST

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/erg11-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116068>