

Recombinant *Saccharomyces cerevisiae* Lanosterol 14-alpha demethylase(ERG11),partial

Catalog No: #AP76625

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Package Size: #AP76625-1 20ug #AP76625-2 100ug #AP76625-3 1mg

Description

Product Name	Recombinant <i>Saccharomyces cerevisiae</i> Lanosterol 14-alpha demethylase(ERG11),partial
Brief Description	Recombinant Protein
Host Species	<i>E.coli</i>
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-20aaSequence Info:Extracellular Domain
Other Names	CYP11 Cytochrome P450 51 Cytochrome P450-14DM Cytochrome P450-LIA1 Sterol 14-alpha demethylase
Accession No.	P10614
Uniprot	P10614
GeneID	856398;
Calculated MW	29.1 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MSATKSIVGEALEYVNIGLS
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

"Primary structure of the P450 lanosterol demethylase gene from *Saccharomyces cerevisiae*."Kalb V.F., Woods C.W., Turi T.G., Dey C.R., Sutter T.R., Loper J.C.DNA 6:529-537(1987)Research Topic:Others

Note: This product is for in vitro research use only