



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Lanosterol synthase/LSS Protein, Human, Recombinant (His)

General Information

Protein Construction: 2-732 aa

Species: Human

Expression Host: E. coli

Accession: P48449

Molecular Weight: 89.2 kDa (predicted)

TEGTCLERRRGPPYKTEPATDLGRWRLNCERGRQTWTYLQDERAGREQTGLEAYALGLDTKNYFKDLPKAHT
AFEGALNGMTFYVGLQAEDGHWTG DYGGPLFLPGLLITCHVARIPLPAGYREEIVRYLRSVQLPDGGWGLHI
EDKSTVFGTALNYVSLRILGVGPDDPDLVRARNILHKKGGAVAIPSWGKFWLAVLNVYSWEGLNTLFPBMW
FPDWAPAH PSTLWCHCRQVYLPMSYCYAVRLSAAEDPLVQSLRQELYVEDFASIDWLAQRNNVAPDELYTP
HSWLLRVVYALLNLYEHHSALHRQRAVQKLYEHIVADDRFTKSI SIGPISKTINMLVRWYVDGPASTAFQEH
VSRI PDYLWMGLDGMKMQGTNGSQIWDTAFAIQALLEAGGHRPEFSSCLQKAHEFLRLSQVPDNPPDYQK
YYRQMRKGGFSFSTLDCGWIVSDCTAEALKAVLLQEKCPHVTEHIPRERLCDAVAVLLNMRNPDGGGFATYET
KRGGHLELLNPSEVFGDIMIDYTYVECTSAVMQALKYFHKRPFEPHRAAEIRETLTQGLEFCRRQQRADGSWE
GSWGVCFTYGTWFGLEAFACMGQTYRDGTACA EVSRACDFLLSRQMADGGWG EDFESCEERRY LQSAQSQ
IHNTCWAMMGLMAVRHPDIEAQERGVRCLLEKQLPNGDWPQENIAGVFNKSCAISYTSYRNIFPIWALGRFS
QLYPERALAGHP

QC Testing

Purity: > 85% as determined by SDS-PAGE.

Formulation: If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Shipping:

In general, Lyophilized powders are shipping with blue ice. Solutions are shipping with dry ice.

Protein Background

Key enzyme in the cholesterol biosynthesis pathway. Catalyzes the cyclization of (S)-2,3 oxidosqualene to lanosterol, a reaction that forms the sterol nucleus. Through the production of lanosterol may regulate lens

protein aggregation and increase transparency.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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