

SQLE Protein, Human, Recombinant (His)

General Information

Synonyms: Squalene monooxygenase;SQLE;ERG1;Squalene epoxidase (SE)

Protein Construction: 42-574 aa

Species: Human

Expression Host: E. coli

Accession: Q14534

Molecular Weight: 63.3 kDa (Predicted)

AA Sequence: LS YRCRHRNGGLGRQQSGSQFALFSDILSGLPFIGFFWAKSPPESENKEQLEARRRRKG T N I E T S L I G T A A C T
S T S S Q N D P E V I I V G A G V L G S A L A A V L S R D G R K V T V I E R D L K E P D R I V G E F L Q P G G Y H V L K D L G L G D T V E G L D A Q
V V N G Y M I H D Q E S K S E V Q I P Y P L S E N N Q V Q S G R A F H H G R F I M S L R K A A M A E P N A K F I E G V V L Q L L E E D D V V M G
V Q Y K D K E T G D I K E L H A P L T V V A D G L F S K F R K S L V S N K V S V S S H F V G F L M K N A P Q F K A N H A E L I L A N P S P V L I Y
Q I S S E T R V L V D I R G E M P R N L R E Y M V E K I Y P Q I P D H L K E P F L E A T D N S H L R S M P A S F L P P S S V K K R G V L L L G D A
Y N M R H P L T G G G M T V A F K D I K L W R K L L K G I P D L Y D D A A I F E A K K S F Y W A R K T S H S F V V N I L A Q A L Y E L F S A T D D
S L H Q L R K A C F L Y F K L G G E C V A G P V G L L S V L S P N P L V L I G H F F A V A I Y A V Y F C F K S E P W I T K P R A L L S S G A V L Y K A
C S V I F P L I Y S E M K Y M V H

QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it.

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

Endotoxin: < 1.0 EU/μg of the protein as determined by the LAL method.

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:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

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.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481