

Datasheet for ABIN7547456  
**SQLE Protein (AA 1-574) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	SQLE
Protein Characteristics:	AA 1-574
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SQLE protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat SQLE Protein expressed in mammalian cells.
Sequence:	<p>MWTFGLGIATF TYFYKKFGDF ITLANREVLL CVLVFLSLGL VLSYRCRHRN GGLLGRQQSG</p> <p>SQFALFSDIL SGLPFIGFFW AKSPPESENK EQLEARRRRK GTNISESLI GTAACSTSS</p> <p>QNDPEVIIVG AGVLGSALAA VLSRDGRKVT VIERDLKEPD RIVGEFLQPG GYHVLKDLGL</p> <p>GDTVEGLDAQ VVNGYMIHDQ ESKSEVQIPY PLSENNQVQS GRAFHHRFI MSLRKAAMAE</p> <p>PNAKFIEGVV LQLEEDDVV MGVSQYKDKET GDIKELHAPL TVVADGLFSK FRKSLVSNKV</p> <p>SVSSHVVGFL MKNAPQFKAN HAELILANPS PVLIIQISS ETRVLVDIRG EMPRNLREYM</p> <p>VEKIYPQIPD HLKEPFLEAT DNSHLRSMPL SFLPPSSVKK RGVLLLGDAY NMRHPLTGGG</p> <p>MTVAFKDIKL WRKLLKGIPD LYDDAAIFEA KKSFYWARKT SHSFVNNILA QALYELFSAT</p> <p>DDSLHQLRKA CFLYFKLGGE CVAGPVGLLS VLSNPPLVLI GHFFAVAIYA VYFCFKSEPW</p> <p>ITKPRALLSS GAVLYKACSV IFPLIYSEMK YMVH <b>Sequence without tag. The proposed</b></p> <p><b>Purification-Tag is based on experiences with the expression system, a different complexity</b></p>

**of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	SQLE
Alternative Name:	SQLE ( <a href="#">SQLE Products</a> )
Background:	Squalene monooxygenase (EC 1.14.14.17) (Squalene epoxidase) (SE),FUNCTION: Catalyzes the stereospecific oxidation of squalene to (S)-2,3-epoxysqualene, and is considered to be a rate-limiting enzyme in steroid biosynthesis. {ECO:0000269 PubMed:10666321, ECO:0000269 PubMed:30626872}.
Molecular Weight:	63.9 kDa
UniProt:	<a href="#">Q14534</a>

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a
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Application Details

	guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months