

Datasheet for ABIN7563412  
**SQLE Protein (AA 1-572) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	SQLE
Protein Characteristics:	AA 1-572
Origin:	Mouse
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 mammalien cells.
Sequence:	MWTFGLGIATF TYFYKKCGDV TLANKELLCC VLVFLSLGLV LSYRCRHRHG GLLGRHQSGA QFAAFSDILS ALPLIGFFWA KSPSEKKEQ LESKKCRKEI GLSETTLTGA ATSVSTSFVT DPEVIIVGSG VLGSAALAVL SRDGRKVTVI ERDLKEPDRI VGELLQPGGY RVLQELGLGD TVEGLNAHHI HGYIVHDYES RSEVQIPYPL SETNQVQSGI AFHHGRFIMS LRKAAMAEPN VKFIEGWVWV LLEEDDAVIG VQYKDKETGD TKELHAPLTV VADGLFSKFR KSLISSKVS SSHVFGFLMK DAPQFKPNFA ELVLVNPSPV LIYQISSSET RVLVDIRGEL PRNLREYMAE QIYPQLPEHL KESFLEASQN GRLRTMPASF LPPSSVNKRG VLILGDAYNL RHPLTGGGMT VALKDIKLWR QLLKDIPDLY DDAAIFQAKK SFFWSRKRTH SFVNVLAQA LYELFSATDD SLHQLRKACF LYFKLGECV TGPVGLLSIL SPHPLVLRH FFSVAIYATY FCFKSEPWAT KPRALFSSGA VLYKACSILF PLIYSEMKYL VH <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity</b>

## Product Details

---

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

---

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

---

### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

---

### Grade:

custom-made

---

## Target Details

---

### Target:

SQLE

---

### Alternative Name:

Sqle ([SQLE Products](#))

---

### 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:0000250|UniProtKB:P52020}.

---

### Molecular Weight:

63.8 kDa

---

### UniProt:

[P52019](#)

---

## 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 guarantee though.

---

## Application Details

---

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