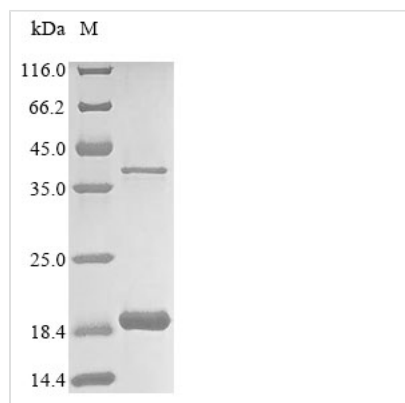




Recombinant Mouse Acyl-CoA desaturase 1 (Scd1), partial

Product Code	CSB-EP319560MO1
Abbreviation	Recombinant Mouse Scd1 protein, partial
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.
Uniprot No.	P13516
Product Type	Recombinant Proteins
Immunogen Species	Mus musculus(Mouse)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	VNSAAHLYGYRPPYDKNIQSRENILVSLGAVGEGFHNYHHTFPFDYSASEYRW HINFTTFFIDCMAALGLAYDRKKVSKATVLRARIKRTGDGSHKSS
Research Area	Cancer
Source	E.coli
Target Names	Scd1
Protein Names	Recommended name: Acyl-CoA desaturase 1 EC= 1.14.19.1 Alternative name(s): Delta(9)-desaturase 1 Short name= Delta-9 desaturase 1 Fatty acid desaturase 1 Stearoyl-CoA desaturase 1
Expression Region	260-355aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	18.4 kDa
Protein Length	Partial

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Description

Constructing a plasmid that codes for the Mouse Scd1 protein (260-355aa) initiates the generation of the recombinant Mouse Scd1 protein. The constructed plasmid is transformed into 260-355aa cells. Positive e.coli cells are selected and then cultured under conditions that encourage the expression of the gene of interest. The protein is equipped with a N-terminal 10xHis tag and C-terminal Myc tag. After that, affinity purification is employed to isolate and purify the recombinant Scd1 protein from the cell lysate. The purity of the resulting recombinant Scd1 protein is over 85%, determined by SDS-PAGE.

Shelf Life

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.