

Datasheet for ABIN7562666
SC5DL Protein (AA 1-299) (His tag)



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Overview

Quantity:	1 mg
Target:	SC5DL
Protein Characteristics:	AA 1-299
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SC5DL protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Sc5d Protein expressed in mammalien cells.
Sequence:	<p>MDLVLSAADY YFFTPYVYPA TWPEDNIIRQ TISLLIVTNL GAYILYFFCA TLSYYFVYDH SLMKHPQFLK NQVSREIVFT VKSLPWISIP TVSLFLELR GYSKLYDDIG DFPNGWIHLM VSVVSFLFFT DMLIYWIHRG LHHRLVYKRI HKPHHIWKIP TPFASHAFHP VDGFLQSLPY HIYPFVPLH KVVYLGLYVL VNVWTISIHD GDFRVPQILR PFINGSAHHT DHHMFFDYNY GQYFTLWDRI GGSFKHPSSF EGKGPHSYVK NMTEKESNSF AENGCKGKKV GNGEFTKNK</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>

Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.
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Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	SC5DL
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Alternative Name:	Sc5d (SC5DL Products)
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Background:	Lathosterol oxidase (EC 1.14.19.20) (C-5 sterol desaturase) (Delta(7)-sterol 5-desaturase) (Delta(7)-sterol C5(6)-desaturase) (Lathosterol 5-desaturase) (Sterol-C5-desaturase),FUNCTION: Catalyzes a dehydrogenation to introduce C5-6 double bond into lathosterol in cholesterol biosynthesis. {ECO:0000250 UniProtKB:O75845}.
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Molecular Weight:	35.1 kDa
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UniProt:	O88822
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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.
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Restrictions:	For Research Use only
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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