

## Recombinant Mouse Vcan protein, His & T7-tagged

**Cat. No.** Vcan-1837M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Mouse Vcan aa. (Asn3058~Ile3299 (Accession # Q62059)) fused with N-terminal His & T7 tag was produced in E. coli cells.   |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | Asn3058~Ile3299   |
| <b>Form</b>             | Freeze-dried powder   |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 31.7kDa.  |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)   |
| <b>Purity</b>           | >90%  |
| <b>Characteristic</b>   | The isoelectric point is 6.1.   |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.  |
| <b>Stability</b>        | The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the |

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage Buffer**

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

**Reconstitution**

Reconstitute in ddH<sub>2</sub>O.

## GENE INFORMATION

**Gene Name**

Vcan versican [ *Mus musculus* (house mouse) ]

**Official Symbol**

Vcan

**Synonyms**

Lipa; lysosomal acid lipase A; Lal; Lip1; Lip-1; AA960673; lysosomal acid lipase/cholesteryl ester hydrolase; acid cholesteryl ester hydrolase; cholesteryl esterase; lipase A; lysosomal acid lipase 1; sterol esterase

**Gene ID**

13003

**mRNA Refseq**

NM\_001081249.1

**Protein Refseq**

NP\_001074718.1

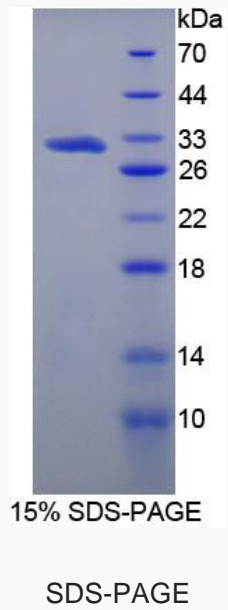
**UniProt ID**

Q62059

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