

Recombinant Mouse Vcan protein, His & T7-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Vcan aa. (Asn3058~Ile3299 (Accession # Q62059)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Asn3058~Ile3299
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.7kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 6.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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 ddH₂O.

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

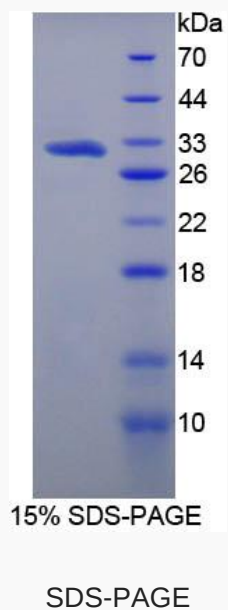
UniProt ID

Q62059

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