

Recombinant Mouse Cant1 Protein, His-tagged

Cat. No. Cant1-586M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cant1(Val111~Ile403) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Val111~Ile403
Description	The protein encoded by this gene is a calcium-dependent nucleotidase that preferentially hydrolyzes UDP, GDP, and IDP. The encoded protein has low activity with ADP and ATP and shows no activity with AMP and GMP. Several transcript variants encoding two different isoforms have been found for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	36.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

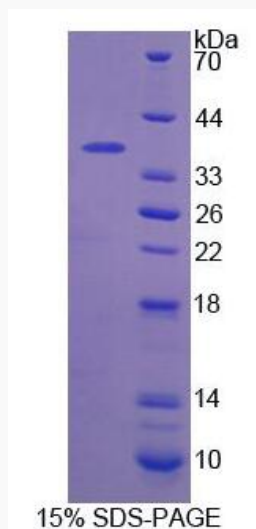
GENE INFORMATION

Gene Name	Cant1 calcium activated nucleotidase 1 [Mus musculus]
Official Symbol	Cant1
Synonyms	CANT1; calcium activated nucleotidase 1; soluble calcium-activated nucleotidase 1; apyrase homolog; apyrase 1, homolog (C. lectularius); Ca ²⁺ -dependent endoplasmic reticulum nucleoside diphosphatase; Apy1h; Shapy; Entpd8; SCAN-1; D11Bwg0554e; 5830420C20Rik;
Gene ID	76025
mRNA Refseq	NM_001025617
Protein Refseq	NP_001020788
UniProt ID	Q8VCF1

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