Recombinant Mouse Ces1g Protein, His-tagged

Cat. No. Ces1g-603M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ces1g(Gly31~Arg286) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gly31~Arg286
Description	This gene encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics, such as cocaine and heroin, and endogenous substrates with ester, thioester, or amide bonds. They may participate in fatty acyl and cholesterol ester metabolism, and may play a role in the blood-brain barrier system. This enzyme is the major liver enzyme and functions in liver drug clearance. The expression and activity of this gene is age-related but independent of growth hormone level. This gene is clustered with Ces7 and Ces3 on chromosome 8.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	31.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%

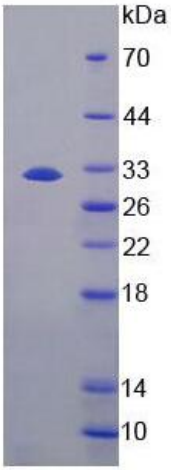
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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation 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	Ces1g carboxylesterase 1G [Mus musculus]
Official Symbol	Ces1g
Synonyms	Ces1; Ces-1; Ses-1; ES-x; acyl-coenzyme A:cholesterol acyltransferase; carboxylesterase 1
Gene ID	12623
mRNA Refseq	NM_021456
Protein Refseq	NP_067431
UniProt ID	Q8VCC2

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15% SDS-PAGE

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