

Recombinant Mouse Ces1d Protein (Tyr19-Glu561), C-His tagged

Cat. No. Ces1d-5409M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Ces1d (Tyr19-Glu561) fused with the C-terminal His tag was expressed in mammalian cells.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Tyr19-Glu561
Description	Enables sterol esterase activity and triglyceride lipase activity. Involved in acylglycerol catabolic process. Acts upstream of or within several processes, including cellular lipid catabolic process; temperature homeostasis; and very-low-density lipoprotein particle assembly. Located in cytosol; endoplasmic reticulum lumen; and lipid droplet. Is expressed in several structures, including cochlear duct; gut; liver; nose; and respiratory system. Orthologous to human CES1 (carboxylesterase 1).
Form	Lyophilized powder/frozen liquid
Molecular Mass	59.73 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

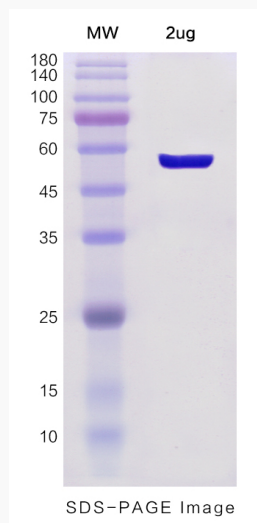
Gene Name	Ces1d carboxylesterase 1D [Mus musculus (house mouse)]
Official Symbol	Ces1d
Synonyms	Ces1d; carboxylesterase 1D; TGH; Ces3; carboxylesterase 1D; FAEE synthase; carboxylesterase 3; fatty acid ethyl ester synthase; triacylglycerol hydrolase; EC 3.1.1.1; EC 3.1.1.67
Gene ID	104158
mRNA Refseq	NM_053200
Protein Refseq	NP_444430
UniProt ID	Q8VCT4

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SDS-PAGE



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