

Recombinant Mouse Cel protein, His-tagged

Cat. No. Cel-488M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cel protein(NP_034015.1)(Met1-Leu534), fused with His tag, was expressed in Insect Cells.
Species	Mouse
Source	Insect Cells
ProteinLength	1-534 a.a.
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant mouse CEL comprises 525 amino acids and has a predicted molecular mass of 58.2 kDa. The apparent molecular mass of the protein is approximately 133.9 and 59.1 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Proteinlength	Met1-Leu534
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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GENE INFORMATION

Gene Name	Cel carboxyl ester lipase [Mus musculus]
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Official Symbol	Cel
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Synonyms	CEL; carboxyl ester lipase; bile salt-activated lipase; BSSL; sterol esterase; cholesterol esterase; bile salt-stimulated lipase; pancreatic lysophospholipase; BAL; 1810036E18Rik;
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Gene ID	12613
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mRNA Refseq	NM_009885
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Protein Refseq	NP_034015
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