# Recombinant Mouse Cel protein, His-tagged

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

## SPECIFICATION

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| **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. |
| **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. |

## GENE INFORMATION

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

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