

## Active Recombinant Mouse Ces2c protein, His-tagged

**Cat. No.** Ces2c-911M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Ces2c protein(NP_663578.1)(Met1-Lys557), fused with His tag, was expressed in HEK293.                                                                                                                                                                           |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Met1-Lys557                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4Please 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. |
| <b>Bio-activity</b>     | Measured by its ability to hydrolyze pnitrophenylacetate. The specific activity is >90,000 pmoles/min/μg.                                                                                                                                                                         |
| <b>Molecular Mass</b>   | The recombinant mouse CES2 consists of 542 amino acids and has a predicted molecular mass of 60.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmCES2 is approximately 52 kDa.                                                                      |
| <b>Endotoxin</b>        | < 1.0 EU per μg of the protein as determined by the LAL method                                                                                                                                                                                                                    |
| <b>Purity</b>           | > 85 % 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

**Gene Name** [Ces2c carboxylesterase 2C \[ Mus musculus \]](#)

**Official Symbol** [Ces2c](#)

**Synonyms** CES2C; carboxylesterase 2C; carboxylesterase 2; carboxylesterase ML3; acylcarnitine hydrolase M1; Ces2; ces2A3;

**Gene ID** [234671](#)

**mRNA Refseq** [NM\\_145603](#)

**Protein Refseq** [NP\\_663578](#)

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