Active Recombinant Mouse Ces2e protein, His-tagged

Cat. No. Ces2e-913M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ces2e protein(NP_766347.1)(Met1-His556), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-556 a.a.
Form	Lyophilized from sterile 25mM Tris, 150mM NaCl, pH 7.5Please 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.
Bio-activity	Measured by its ability to hydrolyze pnitrophenylacetate. The specific activity is >50,000 pmoles/min/μg.
Molecular Mass	The secreted recombinant mouse CES5 comprises 541 amino acids and has a calculated molecular mass of 60.6 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 52 kDa band in SDS-PAGE under reducing conditions.
Proteinlength	Met1-His556
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method

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Purity	> 88 % as determined by SDS-PAGE
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	Ces2e carboxylesterase 2E [Mus musculus]
Official Symbol	Ces2e
Synonyms	CES2E; carboxylesterase 2E; carboxylesterase 5; Ces5; 9030624L02Rik;
Gene ID	234673
mRNA Refseq	NM_001163756
Protein Refseq	NP_001157228

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