Recombinant Rat Ces2 Protein, His-tagged

Cat. No. Ces2-751R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ces2 Protein (Ile352-Leu561) with His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ile352-Leu561
Description	Predicted to enable acylcarnitine hydrolase activity. Predicted to be located in intracellular membrane-bounded organelle.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.1 kDa; Accurate Molecular Mass: 28 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and

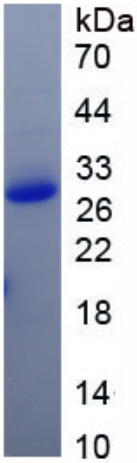
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	store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Ces2 carboxylesterase 2 [Rattus norvegicus (Norway rat)]
Official Symbol	Ces2
Synonyms	CES2; carboxylesterase 2; carboxylesterase 2 (intestine, liver); cocaine esterase; CE 2; CES2A1; iCE; hCE-2; methylumbelliferyl-acetate deacetylase 2; intestinal carboxylesterase; liver carboxylesterase-2; CE-2; PCE-2;
Gene ID	100910144
mRNA Refseq	NM_001190369
Protein Refseq	NP_001177298
UniProt ID	O70177

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