

Active Recombinant Human CES2

Cat. No. CES2-896H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CES2 (Accession # O00626.1) Gly25-Gln93, fused with , was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly25-Gln93
Predicted N Terminal	Gly25
Form	Lyophilized from a 0.2 µm filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
Bio-activity	Measured by its ability to chemoattract CEM-NKr human natural killer cell resistant T-lymphoblastoid cells. Howell, D.N. et al. (1985) J. Immunol. 134:971. The ED50 for this effect is typically 3 - 9 ng/mL. Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with human CCR4. The ED50 for this effect is typically 0.5 - 3 ng/mL.
Molecular Mass	Recombinant Human CES2 has a calculated MW of 8 kDa.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name	CES2 carboxylesterase 2 [Homo sapiens]
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	8824
mRNA Refseq	NM_003869
Protein Refseq	NP_003860
MIM	605278
UniProt ID	O00748
Chromosome Location	16q22.1

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