

# Recombinant Human Carboxylesterase 1/CES1 Protein (His Tag)

RPES4375

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPES4375

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Contents:** 50µg, 10µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** Subject to label value.

**Species:** Human

**Endotoxin:** < 1.0 EU per µg of the protein as determined by the LAL method.

**Synonyms:** ACAT, Acyl-Coenzyme A:Cholesterol Acyltransferase, Brain Carboxylesterase hBr1, CE-1, Carboxylesterase 1, Cocaine Carboxylesterase, Egasyn, HMSE, Liver Carboxylesterase 1, Methylumbelliferyl-Acetate Deacetylase 1, Monocyte/Macrophage Serine Esterase, Retinyl E, hCE-1

**Storage:** Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles. Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** C-His

**Shipping:** This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.

**Expression Host:** HEK293 Cells

**Bio-Activity:** Not validated for activity

**Calculated MW:** 61.1 kDa

**Formulation:** Supplied as a 0.2 µm filtered solution of 20mM HAc-NaAc, 150mM NaCl, pH 4.0.

**Observed MW:** 60 kDa

**Reconstitution:** -

**Accession:** P23141-3

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

**Source:** HEK293 Cells-derived Human Carboxylesterase 1, CES1 protein His19-Glu562, with an C-terminal His

**Sequence:** His19-Glu562

**Form:** Liquid

this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.