



Product Information Sheet

Human CES2 Bactosomes

Catalogue Number: CYP153
Product Description: Human CES2 (carboxylesterase 2) expressed in *Escherichia coli*
Amount: 1 mg protein
Storage Buffer: 50 mM Tris-acetate (pH 7.6), 250 mM sucrose, 0.25 mM EDTA
Storage: Store at -80°C. Avoid frequent temperature changes. Thaw on ice.
Intended Use: For laboratory (research) purposes only.

Batch Number: 153003B

Protein Concentration: 10 mg/ml

¹CES Activity Data

Substrate: 4-nitrophenyl butyrate

²Linear with time up to: 6 min

³Linear with protein up to: 16 µg/ml

V_{max}: 1488 nmol/min/mg protein

K_m: 114 µM

Approved by

Date 23rd March, 2012

Notes:

¹Unless otherwise stated, all assays are carried out at 30°C in 50 mM potassium phosphate buffer (pH 7.4)/acetonitrile, 98/2 (v/v).

²Determined at 90 µM substrate, using a protein concentration of 5 µg/ml.

³Determined at 90 µM substrate.

Safety Data

The toxicological properties of this reagent have not been investigated. Exercise due care when handling.

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