



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: 153015B
Protein Concentration: 10 mg/ml

¹CES Activity Data

Substrate: 4-nitrophenyl butyrate
²Linear with time up to: 5 min
³Linear with protein up to: 16.7 µg/ml
V_{max}: 3680 nmol/min/mg protein
K_m: 207 µM

Approved by _____

Date 17th January, 2018

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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