



## Product Information Sheet

### Human GSTP1

Catalogue Number: CYP122  
Product Description: Human GSTP1 expressed in *Escherichia coli*  
Amount: 1 mg protein  
Storage Buffer: 10 mM sodium phosphate (pH 7.4), 140 mM NaCl  
Storage: Store at -80°C. Avoid frequent temperature changes. Thaw on ice.  
Intended Use: For laboratory (research) purposes only.

Batch Number: EXT049E2B  
Protein Concentration: 10 mg/ml

#### <sup>1</sup>GST Activity Data

Substrate: 1-chloro-2,4-dinitrobenzene (CDNB)  
<sup>2</sup>Linear with protein up to: 0.3 µg/ml  
V<sub>max</sub>: 209 µmol/min/mg protein  
<sup>3</sup>K<sub>m</sub> (CDNB): 2.1 mM

Approved by \_\_\_\_\_

Date 14<sup>th</sup> February 2022

#### Notes:

- <sup>1</sup>Unless otherwise stated, all assays are carried out at 37°C in 100 mM potassium phosphate buffer (pH 6.5) containing 1 mM reduced glutathione, at a protein concentration of 0.2 µg/ml, using a continuous spectrophotometric procedure.  
<sup>2</sup>Determined at 1 mM substrate.  
<sup>3</sup>K<sub>m</sub> for reduced glutathione is approximately 0.2 mM.

#### Safety Data

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

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