



## Product Information Sheet

### Human monoamine oxidase A

Catalogue Number: CYP155  
Product Description: Sf9 insect cell microsomes containing recombinant human MAOA  
Amount: 2.5 mg protein (0.5 ml)  
Storage Buffer: 10 mM sodium phosphate (pH 7.4), 140 mM sodium chloride, 20% (v/v) glycerol  
Storage: Store at -80°C. Avoid frequent temperature changes. Thaw on ice.  
Intended Use: For laboratory (research) purposes only.

Batch Number: INT063E33  
Protein Concentration: 5 mg/ml

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

Substrate: Kynuramine (4-hydroxyquinoline formation)  
<sup>2</sup>Linear with time up to: 30 min  
<sup>3</sup>Linear with protein up to: 20 µg/ml  
V<sub>max</sub>: 121 nmol/min/mg protein  
K<sub>m</sub>: 41 µM

Approved by

Date 25<sup>th</sup> October, 2019

#### Notes:

- <sup>1</sup>Unless otherwise stated, all assays are carried out at 37°C in 90 mM potassium phosphate (pH 7.4).  
<sup>2</sup>Determined at 20 µM substrate, using a protein concentration of 5 µg/ml.  
<sup>3</sup>Determined at 20 µM substrate, using an incubation time of 10 min.

#### Safety Data

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

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