

**Product Specification Sheet**

Description: CypExpress™ 3A4  
Product Number: CE3A4.10  
Aliquot: 10 Grams  
Lot Number: ce3a4.4  
Storage: -80°C

- DESCRIPTION:** CypExpress™ 3A4 is a permeabilized and stabilized dried yeast powder preparation containing recombinant human CYP 3A4 and recombinant human P450 NADPH oxidoreductase.
- ACTIVITY:** A reaction mixture containing 500 µM testosterone and 100 mg/mL of CypExpress™ 3A4 will produce 121.9 uM 6β-hydroxytestosterone in 3 hours at 30°C under the conditions described.
- THAWING:** It is important to avoid water adsorption during thawing. Remove the CypExpress™ vial from storage and warm to room temperature prior to opening. Return unused powder to -80°C.
- STORAGE:** Store at -80°C. Although CypExpress™ preparations can be warmed to room temperature multiple times, it is best to aliquot as needed to avoid multiple freeze/thaw cycles.
- SUGGESTED PROTOCOLS:** The basic protocols attached are intended as a starting point that can be optimized by an experienced user for specific applications and samples.