

**Product Specification Sheet**

Description: CypExpress™ 2E1  
Product Number: CE2E1.1  
Aliquot: 1.0 Gram  
Lot Number: ce2E1.160502  
Storage: -80°C

- DESCRIPTION:** CypExpress™ 2E1 is a permeabilized and stabilized dried yeast powder preparation containing recombinant human CYP 2E1 and recombinant human P450 NADPH oxidoreductase.
- ACTIVITY:** A reaction mixture containing 200 uM Chlorzoxazone and 100 mg/mL of CypExpress 2E1 in 50 mM Kpi of 7.5 pH, and 12 mM G6P produced 55.74 uM 6-Hydroxychlorzoxazone in 3 hours at 30°C and 225 RPM.
- 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.