

Product Specification Sheet

Description: CypExpress™ 2E1
Product Number: CE2E1.1
Aliquot: 10.0 Gram
Lot Number: 200811
Storage: -70°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 -70°C.
STORAGE:	Store at -70°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:	<u>The basic protocols attached are intended as a starting point that can be optimized by an experienced user for specific applications and samples.</u>