

Recombinant Phenylalanine Ammonia Lyase

Product Information

Cat#	DIA-837
Descriptions	Recombinant Phenylalanine Ammonia Lyase catalyzes the non-oxidative deamination of L-phenylalanine to trans-cinnamic acid and ammonia, deprives phenylalanine-auxotrophic tumor cells of essential nutrients, and is a key research candidate for phenylketonuria treatment and cancer metabolic therapy.
Applications	Recombinant Phenylalanine Ammonia Lyase serves as a raw material for phenylalanine metabolism detection kits and phenylketonuria assay reagent development.
Assay	HNMR HPLC (Identification Methods)
Purity	≥ 98%
Storage	Store at -20°C for 2 years.
Usage & Dosage	Used for substrate-product: Decomposition of phenylalanine to generate trans-cinnamic acid and ammonia; indications: phenylketonuria, hyperphenylalaninemia.