



Creative Enzymes

Diagnostic Enzymes

Recombinant Proline Hydroxylase

Product Information

Cat#	DIA-840
Descriptions	Recombinant Proline Hydroxylase specifically catalyzes the hydroxylation of proline residues in polypeptide chains to form hydroxyproline, plays a critical role in collagen structural maturation and stability, and is widely applied in collagen biosynthesis research and protein modification studies.
Applications	Recombinant Proline Hydroxylase is used for collagen maturation detection kits and protein post-translational modification assay reagent development.
Activity	≥ 1.0 U/mg
Assay	HNMR HPLC (Identification Methods)
Purity	≥ 98%
Storage	Store at -20°C for 2 years.
Usage & Dosage	For the catalysis of L-proline to L-hydroxyproline, for the production of L-hydroxyproline, for the conversion of hydroxyproline for recombinant expression of collagen.