

In Vitro Protein Synthesis Kit

Catalog Number	Product Size	Concentration	Price
PE0002S	10 Reactions	N/A	Online Inquiry
PE0002L	100 Reactions	N/A	Online Inquiry

Product Information	
Storage Temperature	-80°C
Shipping Conditions	Dry Ice
Description	<i>In Vitro</i> Protein Synthesis Kit provides a rapid method for gene expression analysis. It is a novel cell-free transcription/translation system with minimal nuclease and protease activity to preserve the integrity of DNA and RNA templates/complexes. This kit can be used to obtain proteins that are free of modification and degradation.
Features	<ul style="list-style-type: none">• Transcription and translation are carried out in a one-step reaction.• Results are available within a few hours.• Templates can be either plasmid DNA, linear DNA or mRNA.• Capable to synthesize various target peptides and proteins.
Applications	<ul style="list-style-type: none">• High throughput screening/directed evolution.• Studies on protein folding, activity and protein-protein interactions.• Epitope mapping.• Ribosome display.• Expression of toxic proteins.