



# Certificate of Analysis

## Enoyl-ACP Reductase Protein, E. coli (His)

Cat. No.: HY-P75252  
 Batch No.: 355017  
 Species: E.coli  
 Source: *E. coli*  
 Tag: N-6\*His  
 Accession: WP\_000506490 (G2-K262)  
 Gene ID: /  
 Molecular Weight: Approximately 30 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	95.20%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Enzymatic activity is determined by following NADH consumption. The specific activity is 1055.75 pmol/min/μg.	1055.75 pmol/min/μg
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

**Caution: Product has not been fully validated for medical applications. For research use only.**

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