



# Certificate of Analysis

## Peroxiredoxin-2/PRDX2 Protein, Human (sf9, His)

Cat. No.: HY-P73374  
 Batch No.: 211941  
 Species: Human  
 Source: Sf9 insect cells  
 Tag: N-His  
 Accession: P32119 (M1-N198)  
 Gene ID: 7001  
 Molecular Weight: Approximately 27 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	92.50%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to reduce H <sub>2</sub> O <sub>2</sub> and the specific activity is >300 pmoles/min/μg.	1742 pmoles/min/μg
Appearance	Solution.	
Concentration	2.3 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice.	

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

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