



Certificate of Analysis

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

Cat. No.:	HY-P73374
Batch No.:	211941
Species:	Human
Source:	<i>Sf9 insect cells</i>
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 ₂ O ₂ 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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