



# Certificate of Analysis

## SMPD1 Protein, Human (sf9, His)

**Cat. No.:** HY-P76710  
**Batch No.:** 320865  
**Species:** Human  
**Source:** Sf9 insect cells  
**Tag:** C-His  
**Accession:** P17405 (M1-P628)  
**Gene ID:** 6609  
**Molecular Weight:** Approximately 66.3 kDa.

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to cleave 2-N-Hexadecanoylamino-4-nitrophenylphosphorylcholine (HNPPC). The specific activity is ≥1735 pmol/min/μg, as measured under the described conditions.	1735 pmol/min/μg
Appearance	Solution	
Concentration	0.65 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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