



# Certificate of Analysis

## CRISPR-Cas9 Protein, *S. pyogenes* (His)

**Cat. No.:** HY-P77727  
**Batch No.:** 231582  
**Species:** Others  
**Source:** *E. coli*  
**Tag:** Tag Free  
**Accession:** Q99ZW2 (D2-D1368)  
**Gene ID:** /  
**Molecular Weight:** Approximately 163 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	96.90%
Endotoxin Level	<0.01 EU/μg, determined by LAL method.	PASS
Biological Activity	The cleavage activity in vitro was not less than 85%.	98.9%
Appearance	Solution.	
Concentration	9.6 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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