



# Certificate of Analysis

## Livin/BIRC7 Protein, Human (His)

Cat. No.:	HY-P77065
Batch No.:	316541
Species:	Human
Source:	<i>E. coli</i>
Tag:	C-His
Accession:	Q96CA5 (M1-S298)
Gene ID:	79444
Molecular Weight:	Approximately 35 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 inhibit DEVD-AFC cleavage activity in cell extracts activated by addition of cytochrome c and dATP. The IC <sub>50</sub> value is 1.223 nM, as measured under the described conditions.	1.223 nM
Appearance	Solution	
Concentration	0.509 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 years. 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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