



# Certificate of Analysis

## LDCC Protein, E.coli (His)

Cat. No.:	HY-P700387
Batch No.:	416581
Species:	E.coli
Source:	<i>E. coli</i>
Tag:	C-6*His
Accession:	P52095 (M1-G713)
Gene ID:	66671526
Molecular Weight:	85 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	96.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized IdcC at 2 μg/mL can bind human ycbX, the EC <sub>50</sub> of human ycbX protein is ≤90 μg/mL.	47.94-88.07 μg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

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

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