



Certificate of Analysis

MCR-1 Protein, E.coli (His-SUMO)

Cat. No.:	HY-P701313
Batch No.:	310662
Species:	E.coli
Source:	<i>E. coli</i> Cell-free
Accession:	A0A0R6L508 (M1-R541)
Gene ID:	55632978
Molecular Weight:	Monomer: 80 kDa Dimer: 160 kDa. It is speculated that the protein forms a dimeric structure.

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 85 % as determined by reducing SDS-PAGE.	90.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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. 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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