



# Certificate of Analysis

## HO-2/HMOX2 Protein, Human (His)

Cat. No.:	HY-P79126
Batch No.:	293749
Species:	Human
Source:	<i>E. coli</i>
Tag:	C-6*His
Accession:	P30519-1 (S2-L291)
Gene ID:	3163
Molecular Weight:	Approximately 31 & 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 oxidize hemin to biliverdin. The specific activity is >3.5 pmol/min/μg.	22.94 pmol/min/μg
Appearance	Solution.	
Concentration	0.5 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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