



Certificate of Analysis

S100A8-S100A9 Heterodimer Protein, Human (His)

Cat. No.:	HY-P71076
Batch No.:	293717
Species:	Human
Source:	<i>E. coli</i>
Tag:	C-6*His
Accession:	P05109 (M1-E93)(S100A8) & P06702 (T2-P114) (S100A9)
Gene ID:	6279&6280
Molecular Weight:	13&15 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 induce IL-6 secretion by human melanoma cells. The ED ₅₀ for this effect is 1.472 μg/mL, corresponding to a specific activity is 679.348 U/mg.	1.472 μg/mL
Appearance	Solution	
Concentration	0.7 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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