



Certificate of Analysis

OSM Protein, Human (HEK293, His)

Cat. No.:	HY-P73331
Batch No.:	290087
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	P13725 (A26-R221)
Gene ID:	5008
Molecular Weight:	30-40 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	Human LIF R, hFc Tag captured on CM5 Chip via Protein A can bind Human OSM, His Tag with an affinity constant of 0.884 μM as determined in SPR assay (Biacore T200).	0.884 μM
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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