



Certificate of Analysis

IL-18R alpha Protein, Human (HEK293, Fc)

Cat. No.:	HY-P75842
Batch No.:	288704
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	Q13478 (A19-R329)
Gene ID:	8809
Molecular Weight:	75-95 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 IL-18 R1, hFc Tag captured on CM5 Chip via Protein A can bind Human IL-18, No Tag with an affinity constant of 0.73 nM as determined in SPR assay.	0.73 nM
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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