



Certificate of Analysis

IL-1F10/IL-38 Protein, Human (P.pastoris, His)

Cat. No.:	HY-P76427
Batch No.:	291884
Species:	Human
Source:	<i>P. pastoris</i>
Tag:	C-His
Accession:	Q8WWZ1 (M1-W152)
Gene ID:	84639
Molecular Weight:	20-23 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-1 Rrp-2, hFc Tag captured on CM5 Chip via Protein A can bind Human IL-1F10, His Tag with an affinity constant of 35.38 μM as determined in SPR assay (Biacore T200).	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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