



Certificate of Analysis

IGF-I/IGF-1 Protein, Human (HEK293, hFc)

Cat. No.: HY-P73136
Batch No.: 269231
Species: Human
Source: HEK293
Tag: N-hFc
Accession: P05019-1 (G49-A118)
Gene ID: 3479
Molecular Weight: 35-40 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Human IGFBP-3, His Tag captured on CM5 Chip via anti-his antibody can bind Human IGFI, hFc Tag with an affinity constant of 1.21 nM as determined in SPR assay	1.21 nM as determined in SPR assay (Biacore T200)
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. 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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