



# Certificate of Analysis

## Frizzled-7 Protein, Human (CHO, hFc)

Cat. No.:	HY-P79214
Batch No.:	274558
Species:	Human
Source:	CHO
Tag:	C-hFc
Accession:	O75084/NP_003498 (Q33-L185)
Gene ID:	8324
Molecular Weight:	46-60 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.	<1 EU/μg
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human Frizzled-7, at 0.1 μg/mL (100 μL/well) can bind Biotinylated Wnt-5a. The ED <sub>50</sub> for this effect is 257.8 ng/mL.	257.8 ng/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 200 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
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 (with carrier protein). 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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