



Certificate of Analysis

Frizzled-4/CD344 Protein, Human (HEK293, His)

Cat. No.:	HY-P74140
Batch No.:	319991
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	Q9ULV1 (F37-E180)
Gene ID:	8322
Molecular Weight:	Approximately 22-25 kDa due to glycosylation

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	98.00%
Endotoxin Level	<1 EU/µg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human Frizzled-4, at 0.1 µg/mL (100 µL/well) can bind Wnt-5a. The ED ₅₀ for this effect is 26.59 ng/mL.	26.59 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ 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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