



Certificate of Analysis

SFRP2 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P74553
Batch No.:	312252
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	NP_033170.1 (L25-C295)
Gene ID:	20319
Molecular Weight:	Approximately 31-36 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to compete with Frizzled-1 for binding to biotinylated Wnt-3a. The IC ₅₀ value is 1.48 nM, under conditions in which Recombinant Mouse (rm) Frizzled-1 is present at 2.1 nM, and biotinylated rmWnt-3a concentration is 2.7 nM.	1.48 nM
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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