



Certificate of Analysis

DKK-1 Protein, Mouse (CHO)

Cat. No.:	HY-P7154
Batch No.:	425618
Species:	Mouse
Source:	CHO
Tag:	Tag Free
Accession:	O54908 (S30-H272)
Gene ID:	13380
Molecular Weight:	Approximately 19-22 kDa due to the glycosylation.

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	95.00%
Endotoxin Level	<0.2 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibit Wnt3a induced alkaline phosphatase production by C3H10T1/2 cells. The ED ₅₀ for this effect is approximately 0.1852 μg/mL in the presence of 10 ng/mL of mouse Wnt3a, corresponding to a specific activity is 5.399×10 ³ units/mg.	0.1852 μg/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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