



# Certificate of Analysis

## Delta-like protein 1/DLL1 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P72970
Batch No.:	384957
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	Q61483 (Q18-Q516)
Gene ID:	13388
Molecular Weight:	Approximately 65 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	95.40%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	1. Measured by its ability to bind human NOTCH1 in a functional ELISA. 2. Measured by the ability of the immobilized protein to enhance BMP2-induced alkaline phosphatase activity in C3H10T1/2 mouse embryonic fibroblast cells. The ED <sub>50</sub> for this effect is typically 2-20 μg/mL.	Pass(Test by method 1) 2-20 μg/mL (Test by method 2)
Appearance	Solution	
Concentration	0.46 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

**Caution: Product has not been fully validated for medical applications. For research use only.**

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