



Certificate of Analysis

Delta-like protein 4/DLL4 Protein, Human (HEK293, Fc)

Cat. No.: HY-P75294
Batch No.: 138530
Species: Human
Source: HEK293
Tag: C-hFc
Accession: NP_061947.1 (S27-P524)
Gene ID: 54567
Molecular Weight: 100-110 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	95.60%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by the ability of the immobilized protein to enhance BMP2-induced alkaline phosphatase activity in C3H10T1/2 mouse embryonic fibroblast cells and the ED ₅₀ is typically 2.2 μg/mL in the presence of 500 ng/mL recombinant human BMP2.	2.2 μg/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
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. 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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