



Certificate of Analysis

CD300c Protein, Human (183a.a, HEK293, His)

Cat. No.:	HY-P76222
Batch No.:	273603
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	NP_006669.1 (M29-R183)
Gene ID:	10871
Molecular Weight:	29-40 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Measured by its ability to inhibit anti-CD3-induced proliferation of Jurkat human T-lymphocyte leukemia cells. The ED ₅₀ this effect is 3.884 μg/ml, corresponding to a specific activity is 257.47 units/mg.	3.884 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. 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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