



# Certificate of Analysis

## OCIL/CLEC2D Protein, Rat (HEK293, Fc)

Cat. No.:	HY-P76831
Batch No.:	322672
Species:	Rat
Source:	HEK293
Tag:	N-hFc
Accession:	Q925N7 (K98-L233)
Gene ID:	113937
Molecular Weight:	Approximately 43-55 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 binding ability in a functional ELISA. Immobilized Human CD161, at 10μg/mL (100 μL/well) can bind Rat OCIL. The ED <sub>50</sub> for this effect is 3.446 μg/mL.	PASS
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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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