



Certificate of Analysis

CD26/Dipeptidyl Peptidase 4 Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P76876
Batch No.:	405381
Species:	Cynomolgus
Source:	HEK293
Tag:	C-10*His
Accession:	F6VRB0 (D34-P766)
Gene ID:	654491
Molecular Weight:	Approximately 100-130 kDa due to the glycosylation.

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 ability to cleave 10 μM fluorogenic peptide substrate, Gly-Pro-7-amido-4-methylcoumarin that incubate at room temperature in kinetic mode for 5 minutes. The specific activity is 3150.25 pmol/min/μg.	3150.25 pmol/min/μg
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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