



Certificate of Analysis

CD26/Dipeptidyl Peptidase 4 Protein, Human (HEK293, Fc)

Cat. No.: HY-P72976
Batch No.: 240922
Species: Human
Source: HEK293
Tag: N-hFc
Accession: P27487 (N29-P766)
Gene ID: 1803
Molecular Weight: 120-130 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.	PASS
Biological Activity	Measured by its ability to bind Cynomolgus CXCL12 in a functional ELISA. Loaded CD26/Dipeptidyl Peptidase 4 Protein, Human (HEK293, Fc) on ProA Biosensor, can bind MERS-CoV Spike/RBD Protein fragment (RBD, aa 367-606, His) with an affinity constant of 1.04 nM.	PASS
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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