

Human CD26/DPP4 protein (Recombinant) (hIgG-Tag) (STJP019529)

GENERAL INFORMATION

Product Type	Proteins
Applications	SDS-PAGE/Enzyme Activity/Bioactivity
Host / Source	HEK293 Cells

PRODUCT PROPERTIES

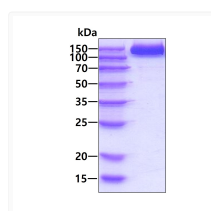
Concentration	0.25 mg/mL
Formulation	Liquid in phosphate-Buffered Saline (pH 7.4) containing 10% Glycerol
Molecular Weight	112.1kDa
Storage Instruction	For short term storage, keep at +2C to +8C for up to 1 week. For long term storage, aliquot and store at -20C, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

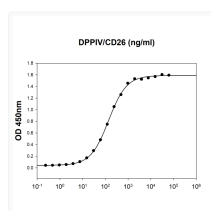
Gene ID	1803
Gene Symbol	DPP4
UniProt ID	DPP4_HUMAN
Immunogen Region	29-766aa
Immunogen Sequence	NKGTDD ATADSRKTYT LTDYLNKTYR LKLYSLRWIS DHEYLYKQEN NILVFNAEYG NSSVFLENST FDEFGHSIND YSISPDGQFI LLEYNYVKQW RHSYTASYDI YDLNKRQLIT EERIPNNTQW VTWSPVGHKL AYVWNNDIYV KIEPNLPSYR ITWTGKEDII YNGITDWVYE EEVFSAYSAL WWSPNGTFLA YAQFNDTEVP LIEYSFYSDS SLQYPK

ADDITIONAL INFORMATION

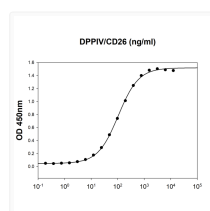
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



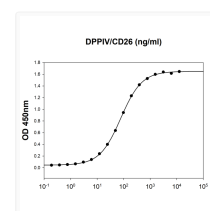
SDS-PAGE gel of recombinant human CD26/DPP4 protein under reducing conditions stained with Coomassie blue



CD26 DPP4 protein binding to MERS-CoV Spike S1 subunit with ED50 $\leq$ 250 ng/ml



CD26 DPP4 protein binding to MERS-CoV Spike RBD showing ED50 $\leq$ 200 ng/ml biological activity



CD26 DPP4 protein binding to MERS-CoV Spike with ED50 $\leq$ 120 ng/ml