

Recombinant Human Nectin-2/PVRL2/CD112 Protein

RPCB0501

Protein Information

Size:	100 µg	Tag:	C-His&Avi
Reactivity:	Human	Expressed Host:	HEK293 cells
Calculated MW:	38.4 kDa	Observed MW:	45-52 kDa

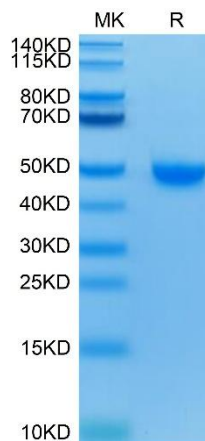
Background

Nectin-2 is an adhesion molecule that has been reported to play a role in tumor growth, metastasis and tumor angiogenesis. Nectin-2 expression in ovarian cancer may support tumor cell adhesion, leading to growth and lymph node metastasis. Effect of VEGF on Nectin-2 expression as well as permeability was investigated in HUVEC.

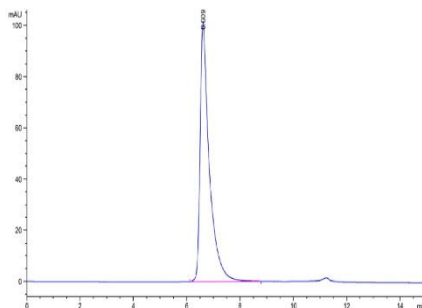
Properties

Synonyms:	CD112, MPH, Nectin2, PRR2, PVRL2, HVEB, PVRR2
Gene ID:	5819
Endotoxin:	< 1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Human Nectin-2/PVRL2/CD112 Protein (RPCB0501), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
Purity:	≥ 95 % as determined by SDS-PAGE; ≥ 95 % as determined by HPLC.
Storage:	Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

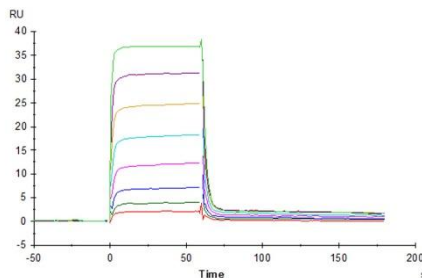
Validation Data



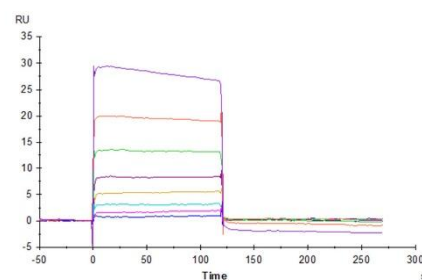
Recombinant Human Nectin-2/PVRL2/CD112 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Human Nectin-2 is greater than 95% as determined by SEC-HPLC.



Human PVRIG, mFc Tag captured on CM5 Chip via anti-mouse antibody can bind Human Nectin-2, His Tag with an affinity constant of 0.349 μ M as determined in SPR assay (Biacore T200).



Human TIGIT, hFc Tag captured on CM5 Chip via Protein A can bind Biotinylated Human Nectin-2, His-Avi Tag with an affinity constant of 1.84 μ M as determined in SPR assay (Biacore T200).