

Recombinant human Nectin 2 protein (Fc Chimera Active) ab221406

4 Images

Description

Product name	Recombinant human Nectin 2 protein (Fc Chimera Active)		
Biological activity	Measured by its binding ability in a functional ELISA. Immobilized ab221406 at 10 µg/mL (100 µL/well) can bind Biotinylated Human TIGIT, Fc Tag, Avi Tag with a linear range of 0.156-2.5 µg/mL.		
	Measured by its binding ability in a functional ELISA. Immobilized Human PVRIG at 2 µg/mL (100 µL/well) can bind ab221406 with a linear range of 0.2-3 ng/mL.		
	Measured by its binding ability in a BLI assay. Loaded ab221406 on Protein A Biosensor, can bind Human PVRIG with an affinity constant of 0.456 µM as determined in BLI assay.		
Purity	> 95 % SDS-PAGE.		
Endotoxin level	< 1.000 Eu/µg		
Expression system	HEK 293 cells		
Accession	<u>Q92692-2</u>		
Protein length	Protein fragment		
Animal free	No		
Nature	Recombinant		
Species	Human		
Sequence	QDVRVQVLPEVRGQLGGTVELPCHLLPPVPGLYISLVTW QRPDAPANHQN VAAFHPKMGPSFSPKPGSERLSFVSAKQSTGQDTEAE LQDATLALHGLT VEDEGNYTCEFATFPKGSVRGMTWLRVIAKPKNQAEAAQK VTFSQDPTTVA LCISKEGRPPARISWLSSLDWEAKETQVSGTLAGTVTVTS RFTLVPSGRA DGVTVTCKVEHESFEERALIPVTLVSRYPPEVSISGYDDN WYLGRDATL SCDVRSNPEPTGYDWSTTSGTFPTSAVAQGSQQLVIHAVD SLFNTTFVCTV TNAVGMGRAEQVIFVRETTPRASPRDVGPL		
Predicted molecular weight	62 kDa including tags		

Amino acids	32 to 360
Tags	Fc tag C-Terminus
Additional sequence information	Fused with a Human IgG1 Fc tag (Pro 100 - Lys 330; P01857) at the C-terminus (AAH03091).

Specifications

Our **Abpromise guarantee** covers the use of **ab221406** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Functional Studies SDS-PAGE ELISA
Form	Lyophilized
Additional notes	This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

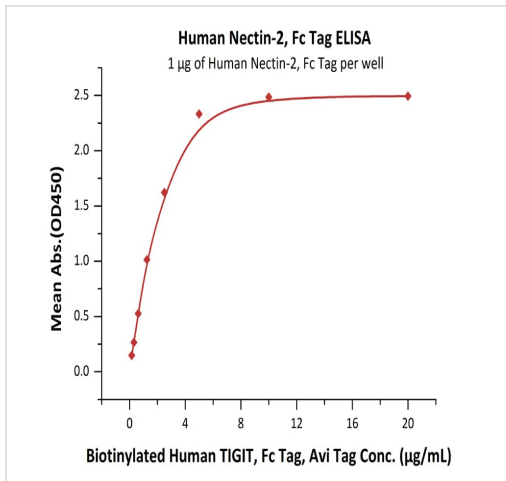
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Please see notes section. pH: 7.4 Constituents: 5% Trehalose, 0.61% Tris, 0.75% Glycine, 0.44% L-Arginine, 0.87% Sodium chloride Lyophilized from 0.22 µm filtered solution. This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	Reconstitute with sterile deionized water to a concentration of 200 µg/ml.

General Info

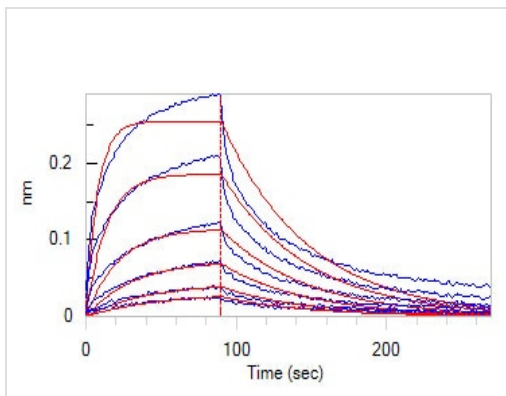
Function	Probable cell adhesion protein.
Tissue specificity	Ubiquitous.
Sequence similarities	Belongs to the nectin family. Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Cellular localization	Cell membrane.

Images



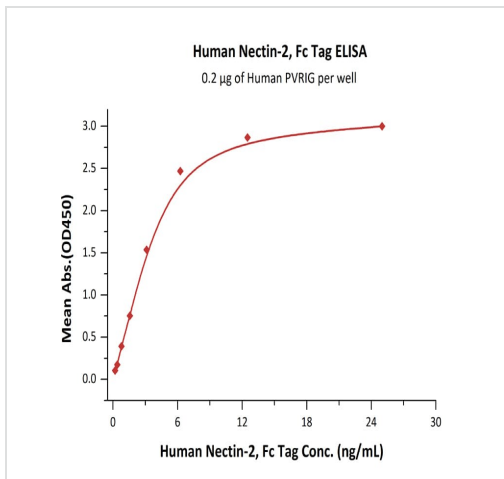
Functional Studies - Recombinant human Nectin 2 protein (Fc Chimera Active) (ab221406)

Immobilized ab221406 at 10 µg/mL (100 µL/well) can bind Biotinylated Human TIGIT, Fc Tag, Avi Tag with a linear range of 0.156-2.5 µg/mL.



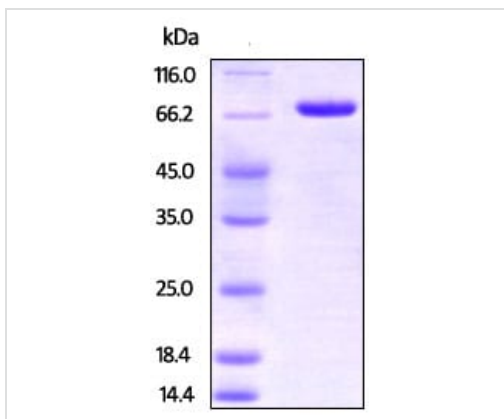
Functional Studies - Recombinant human Nectin 2 protein (Fc Chimera Active) (ab221406)

Loaded ab221406 on Protein A Biosensor, can bind Human PVRIG with an affinity constant of 0.456 µM as determined in BLI assay.



Immobilized Human PVRIG at 2 µg/mL (100 µL/well) can bind ab221406 with a linear range of 0.2-3 ng/mL.

Functional Studies - Recombinant human Nectin 2 protein (Fc Chimera Active) (ab221406)



SDS-PAGE analysis of reduced ab221406 stained overnight with Coomassie Blue. The reduced protein migrates as 70-80 kDa in SDS-PAGE due to glycosylation.

SDS-PAGE - Recombinant human Nectin 2 protein (Fc Chimera Active) (ab221406)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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