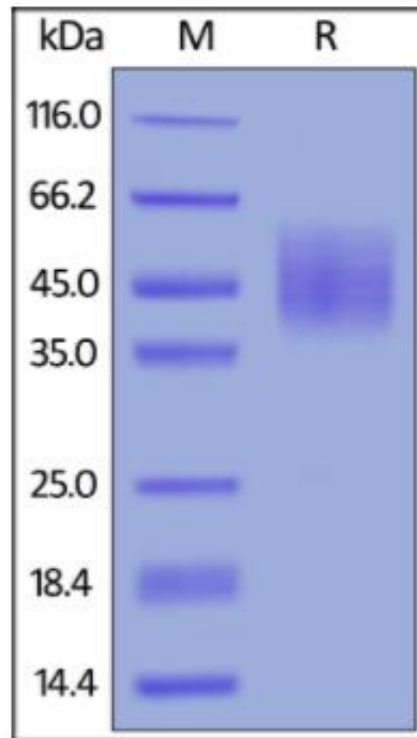


Recombinant Cynomolgus CD226 protein, C-His Tag

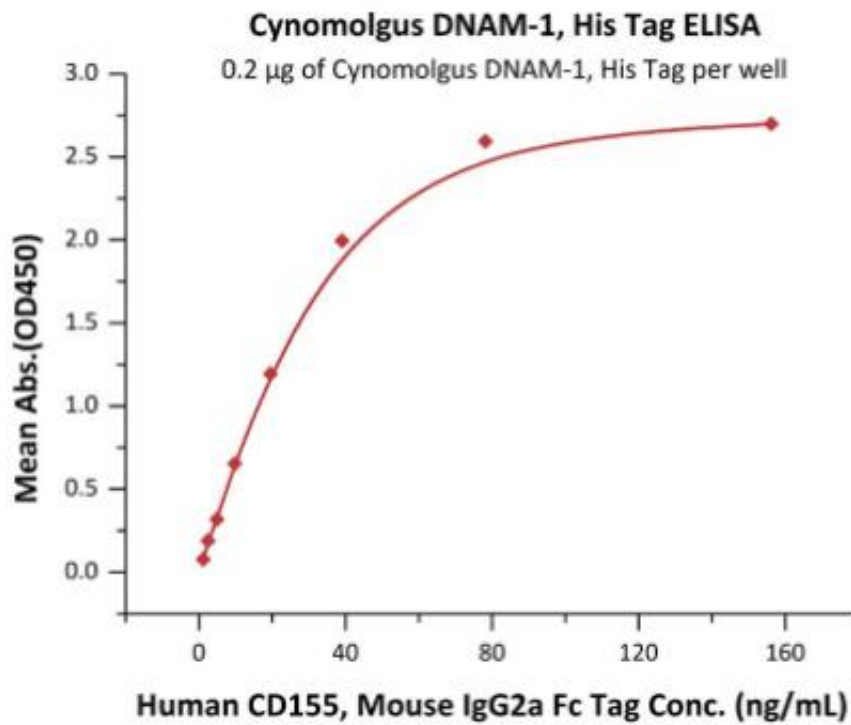
Product Information

| | |
|--------------------------|---|
| Cat | IMP-129 |
| Official Symbol | CD226 |
| Product Overview | Recombinant Cynomolgus CD226 protein(AA Glu 19-Phe 252)(Accession # A0A2K5W1Z6-1) is expressed from human 293 cells (HEK293). This protein carries a polyhistidine tag at the C-terminus. |
| Expression System | HEK293 |
| Species | Cynomolgus |
| Tag | C-His Tag |
| Form | Lyophilized from sterile PBS, pH7.4, 10% trehalose. |
| Molecular Mass | This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 28.5 kDa. The protein migrates as 40-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |
| Protein length | Glu 19-Phe 252 |
| Endotoxin | Less than 1.0 EU per ug by the LAL method. |
| Purity | >90% as determined by SDS-PAGE. |
| Storage | For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. 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. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents. |
| SDS-PAGE | |



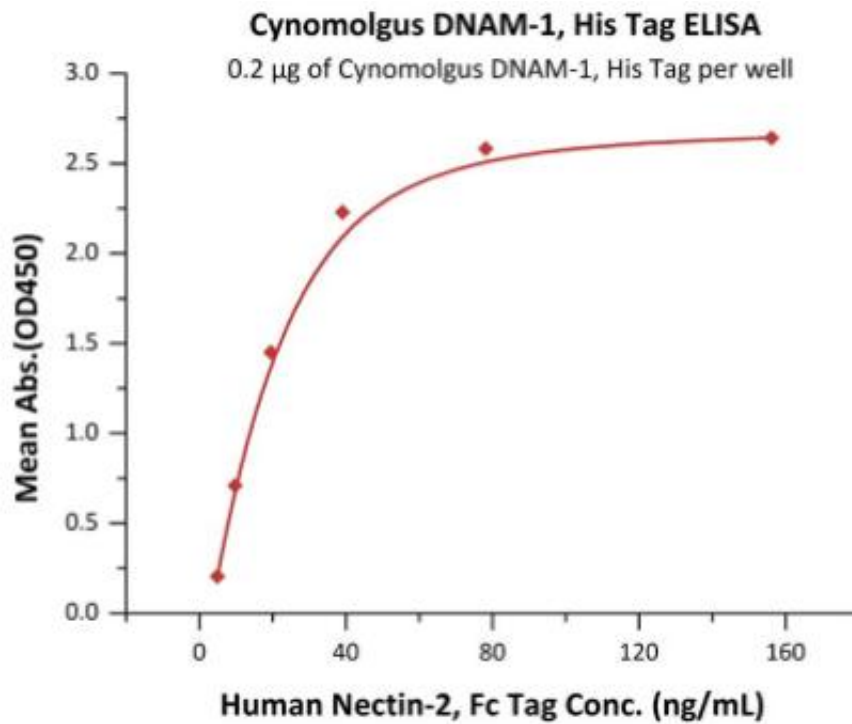
Cynomolgus DNAM-1, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

Bioactivity-ELISA 1



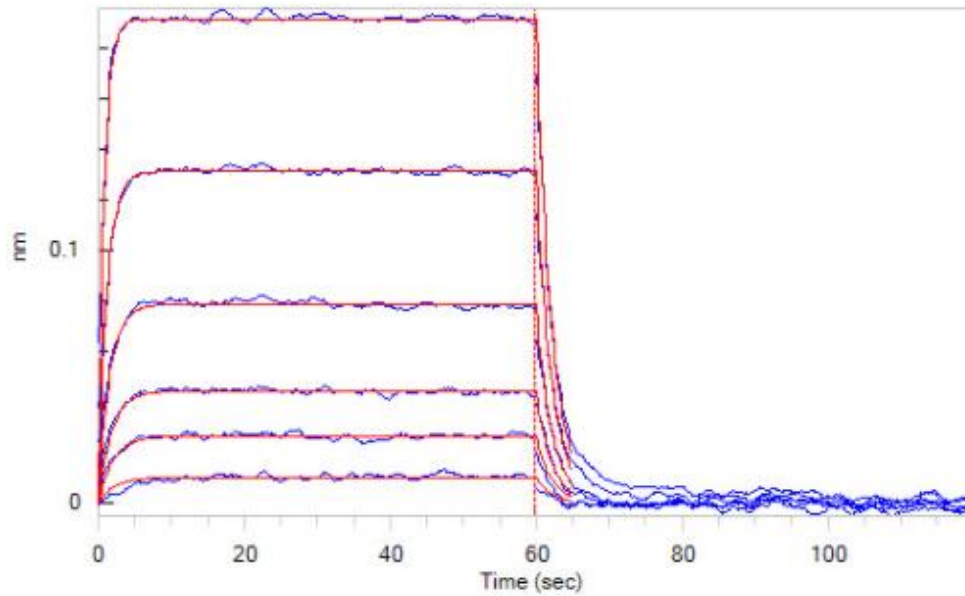
Immobilized Cynomolgus DNAM-1, His Tag at 2 µg/mL (100 µL/well) can bind Human CD155, Mouse IgG2a Fc Tag, low endotoxin with a linear range of 2-40 ng/mL.

Bioactivity-ELISA 2



Immobilized Cynomolgus DNAM-1, His Tag at 2 ug/mL (100 uL/well) can bind Human Nectin-2, Fc Tag with a linear range of 5-40 ng/mL.

Bioactivity-BLI 1



Loaded Human CD155, Fc Tag on Protein A Biosensor, can bind Cynomolgus DNAM-1, His Tag with an affinity constant of 0.88 μ M as determined in BLI assay (ForteBio Octet Red96e).