

EPHA5 recombinant protein

Recombinant Cynomolgus EPHA5 Protein (His Tag), HPLC-verified

CATALOG # AAA259393	HOST HEK293 Cells	REACTIVITY Cynomolgus
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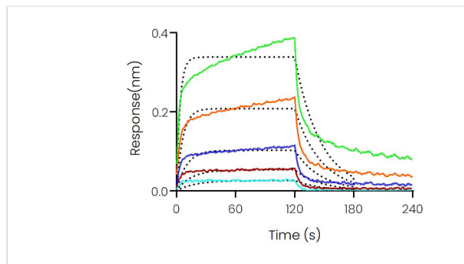
PRODUCT SYNONYMS

EPHA5; Recombinant Cynomolgus EPHA5 Protein (His Tag); HPLC-verified; Cynomolgus EPHA5 Protein (His Tag); EPHA5 recombinant protein

PRODUCT SPECIFICATIONS

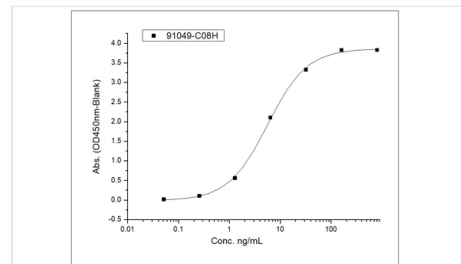
Host	HEK293 Cells
Reactivity	Cynomolgus
Purity/Purification	>= 95% as determined by SDS-PAGE. >= 95% as determined by SEC-HPLC.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Sequence	Ser56-Pro5 73
Tag	C-His
Predicted N Terminal	Ser 56
Endotoxin	< 1.0 EU perug protein as determined by the LAL method.
Protein Construction	A DNA sequence encoding the Cynomolgus EPHA5 (XP_005555256.1)(Ser56-Pro573) was expressed with a polyhistidine tag at the C-terminus.
Activity	1. Immobilized Recombinant Cynomolgus EPHA5 Protein (His Tag) at 2ug/mL (100uL/well) can bind Recombinant Human Ephrin-A3/EFNA3/EFL2 Protein (Fc Tag), the EC50 is 3-12ng/mL. 2. Loaded Recombinant Human Ephrin A3 Protein, hFc Tag on proA Biosensor, can bind Recombinant Cynomolgus EPHA5 Protein, His Tag with an affinity constant of 78.2nM as determined in BLI assay (Sartorius Octet RED384)(Routinely tested).
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

IMAGES



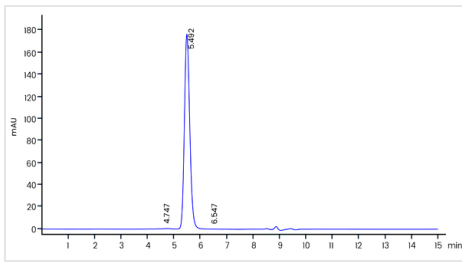
Application Data

Loaded Recombinant Human Ephrin A3 Protein, hFc Tag on proA Biosensor, can bind Recombinant Cynomolgus EPHA5 Protein, His Tag (Routinely tested).

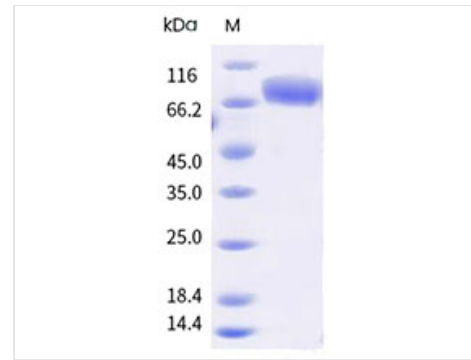


Application Data

Immobilized Recombinant Cynomolgus EPHA5 Protein (His Tag)(#AAA259393) at 2ug/mL (100uL/well) can bind Recombinant Human Ephrin-A3/EFNA3/EFL2 Protein (Fc Tag), the EC50 is 3-12ng/mL.



Application Data



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NCBI AND UNIPROT INFORMATION

Molecular Weight

The recombinant Cynomolgus EPHA5 consists of 529 amino acids and predicts a molecular mass of 59.01 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 76 kDa protein in SDS-PAGE under reducing conditions.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/epha5-recombinant-protein-hek293/259393>