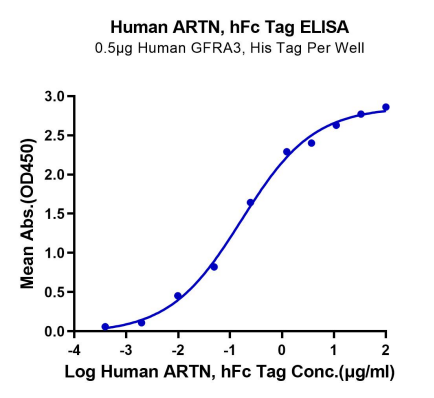
Bioactive HuPro®

ARTN (Human) Recombinant Protein

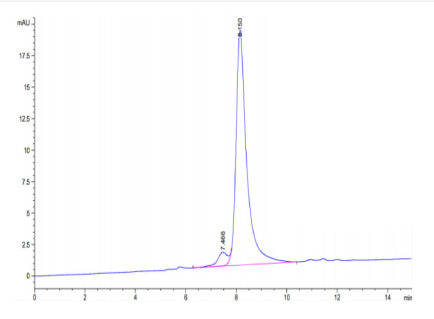
Catalog # P9910 Size 100 ug

Applications



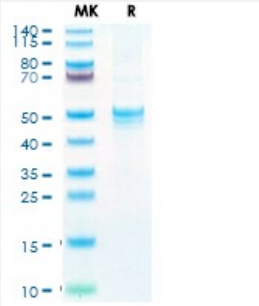
Enzyme-linked Immunoabsorbent Assay

Immobilized Human GFRA3, His Tag at 5 ug/mL (100 uL/well) on the plate. Dose response curve for Human ARTN, hFc Tag with the EC50 of 0.17 ug/mL determined by ELISA.



SEC-HPLC

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



Tris-Bis PAGE

Human ARTN on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Specification

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Product Description	Human ARTN (Q5T4W7-1, Ala108-Gly220) partial recombinant protein with hFc tag at N-Terminus expressed in HEK293 cells.
Sequence	Ala108-Gly220
Host	Human
Theoretical MW (kDa)	39.3
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The EC_{50} was 0.17 ug/mL, messured by ELISA at 5 ug/mL.
Quality Control Testing	SEC-HPLC and Tris-Bis PAGE SEC-HPLC The purity of Human ARTN is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human ARTN on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.
Recommend Usage	Biological Activity ELISA SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis

Applications

- Functional Study
- Enzyme-linked Immunoabsorbent Assay

  Immobilized Human GFRA3, His Tag at 5 ug/mL (100 uL/well) on the plate. Dose response curve for Human ARTN, hFc Tag with the EC50 of 0.17 ug/mL determined by ELISA.
- SDS-PAGE

Copyright © 2023 Abnova Corporation. All Rights Reserved.