

PRODUCT INFORMATION

ARTN Target

Synonyms ART; EVN; NBN; ENOVIN

Recombinant Human ARTN Protein with C-Description

terminal human Fc tag

Delivery In Stock **Uniprot ID** Q5T4W7 **Expression Host** HFK293

Tag C-Human Fc Tag

Molecular

Storage & Shipping

Background

ARTN(Ala108-Gly220) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight**

38.1 kDa after removal of the signal peptide. The apparent molecular mass of ARTN-hFc is

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a secreted ligand of the glial cell line-derived neurotrophic factor (GDNF) subfamily and TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This

protein signals through the RET receptor and GFR alpha 3 coreceptor, and supports the survival of a number of peripheral neuron populations and at least one population of dopaminergic CNS neurons. This protein has also been shown to promote tumor growth, metastasis, and drug resistance in mammary carcinoma. [provided by

RefSeq, Aug 2016]

Usage Research use only

Conjugate Unconjugated

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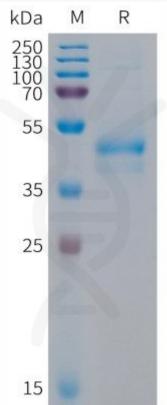


Figure 1.Human ARTN Protein, hFc Tag on SDS-PAGE under reducing condition.

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