Recombinant Human ARTN protein, hFc-tagged

Cat. No. ARTN-5643H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARTN protein(Q5T4W7-1)(Ala108-Gly220), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala108-Gly220
Tag	N-hFc
Form	Lyophilized from 0.22μm filtered solution in 4mM HCl (pH 2.8). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human GFRA3, His Tag at 5ug/ml (100ul/well) on the plate. Dose response curve for Human ARTN, hFc Tag with the EC50 of 92.5ng/ml determined by ELISA (QC Test).
Molecular Mass	The protein has a predicted MW of 39.3 kDa. Due to glycosylation, the protein migrates to 48-52 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

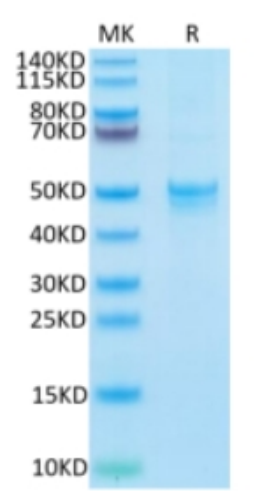
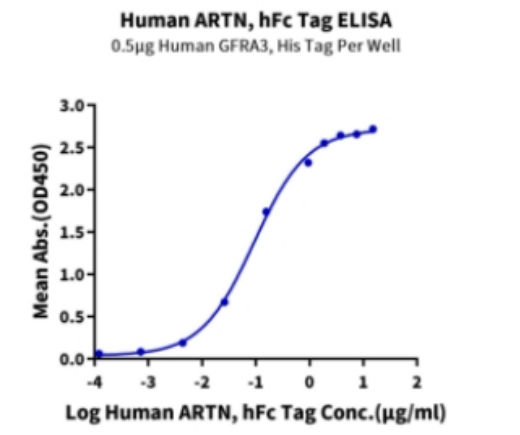
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in 4mM HCl (pH2.8).

GENE INFORMATION

Gene Name	ARTN artemin [Homo sapiens]
Official Symbol	ARTN
Synonyms	ARTN; artemin; ENOVIN; EVN; NBN; neublastin; neurotrophic factor;
Gene ID	9048
mRNA Refseq	NM_001136215
Protein Refseq	NP_001129687
MIM	603886
UniProt ID	Q5T4W7

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Tris-Bis PAGE	
ELISA Data	

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