

## Recombinant Human AGGF1 protein, His-tagged

**Cat. No.** AGGF1-1816H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AGGF1 aa. (Glu21~Glu123 (Accession # Q8N302)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Glu21~Glu123
<b>Description</b>	This gene encodes an angiogenic factor that promotes proliferation of endothelial cells. Mutations in this gene are associated with a susceptibility to Klippel-Trenaunay syndrome. Pseudogenes of this gene are found on chromosomes 3, 4, 10 and 16.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 14.0kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

**Isoelectric Point**

6.5

## GENE INFORMATION

**Gene Name**

[AGGF1 angiogenic factor with G-patch and FHA domains 1 \[ Homo sapiens \(human\) \]](#)

**Official Symbol**

[AGGF1](#)

**Synonyms**

AGGF1; angiogenic factor with G-patch and FHA domains 1; VG5Q; GPATC7; GPATCH7; HSU84971; HUS84971; angiogenic factor with G patch and FHA domains 1; G patch domain-containing protein 7; angiogenic factor VG5Q; vasculogenesis gene on 5q protein

**Gene ID**

[55109](#)

**mRNA Refseq**

[NM\\_018046.4](#)

**Protein Refseq**

[NP\\_060516.2](#)

**UniProt ID**

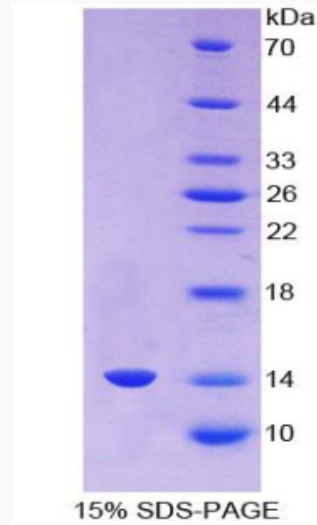
[Q8N302](#)

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**SDS-PAGE**



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