

Recombinant Human AGGF1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human AGGF1 aa. (Glu21~Glu123 (Accession # Q8N302)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Glu21~Glu123
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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,

 Tel: 1-631-559-9269 1-516-512-3133

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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

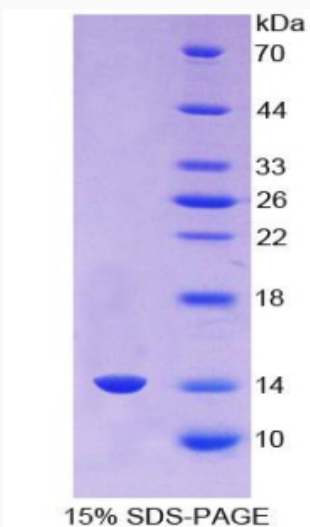
Gene Name	AGGF1 angiogenic factor with G-patch and FHA domains 1 [Homo sapiens (human)]
Official Symbol	AGGF1
Synonyms	AGGF1; angiogenic factor with G-patch and FHA domains 1; VG5Q; GPATC7; GPATCH7; HSU84971; HUS84971; angiogenic factor with G patch and FHA domains 1; G patch domain-containing protein 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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