

Recombinant Human ANGPTL4 protein, His-tagged

Cat. No. ANGPTL4-430H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANGPTL4 protein(Q9BY76-1)(Pro166-Ser406), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Pro166-Ser406
Tag	N-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Human LILRB2, hFc Tag captured on CM5 Chip via Protein A can bind Human ANGPTL4, His Tag with an affinity constant of 51.66 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 28.2 kDa. Due to glycosylation, the protein migrates to 30-40 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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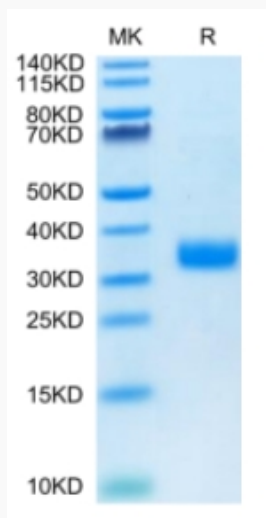
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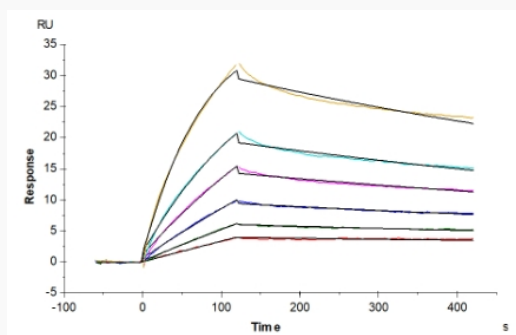
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	ANGPTL4 angiopoietin-like 4 [Homo sapiens]
Official Symbol	ANGPTL4
Synonyms	ANGPTL4; angiopoietin-like 4; angiopoietin-related protein 4; angiopoietin related protein 4; ARP4; fasting induced adipose factor; FIAF; hepatic angiopoietin related protein; hepatic fibrinogen/angiopoietin related protein; HFARP; NL2; peroxisome proliferator activated receptor (PPAR) gamma induced angiopoietin related protein; PGAR; pp1158; PPARG angiopoietin related protein; angiopoietin-like protein 4; fasting-induced adipose factor; hepatic angiopoietin-related protein; hepatic fibrinogen/angiopoietin-related protein; peroxisome proliferator-activated receptor (PPAR) gamma induced angiopoietin-related protein; ANGPTL2;
Gene ID	51129
mRNA Refseq	NM_001039667
Protein Refseq	NP_001034756
UniProt ID	Q9BY76



Tris-Bis PAGE



SPR Data



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