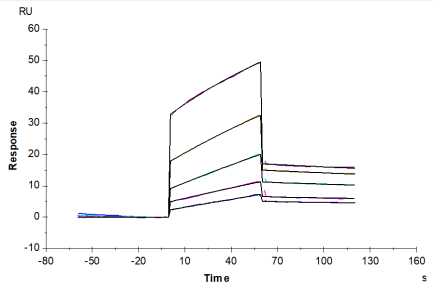
Bioactive HuPro®

ANGPTL2 (Human) Recombinant Protein

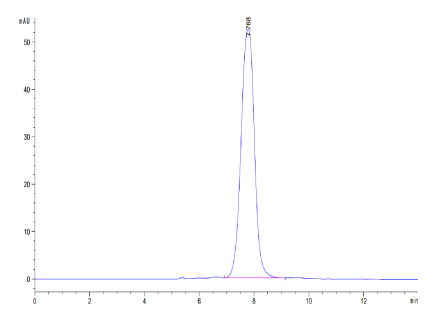
Catalog # P10040 Size 100 ug

Applications



Surface Plasmon Resonance

Human LILRB2, hFc Tag captured on CM5 Chip via Protein A can bind Human ANGPTL2, His Tag with an affinity constant of 0.22 uM as determined in SPR assay (Biacore T200).



SEC-HPLC

The purity of Human ANGPTL2 is greater than 95% as determined by SEC-HPLC.

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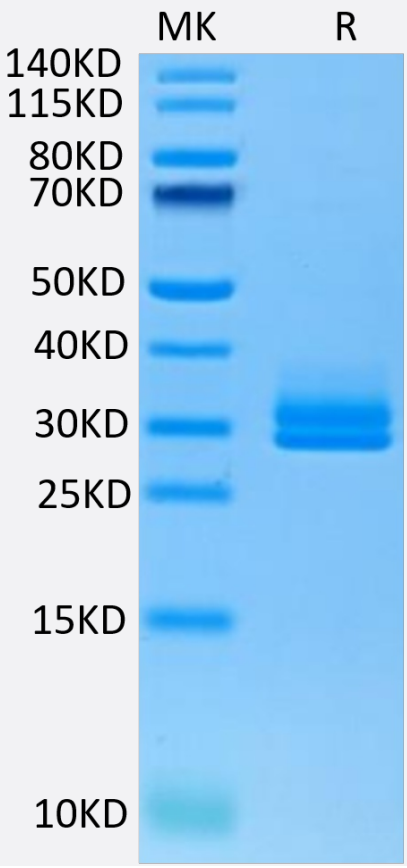

Tris-Bis PAGE

Human ANGPTL2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Specification

Product Description	Human ANGPTL2 (Q9UKU9-1, Thr260-His493) partial recombinant protein with His-Avi tag at C-ter minus expressed in HEK293 cells.
Sequence	Thr260-His493
Host	Human
Theoretical MW (kDa)	30.1
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Quality Control Testing	SEC-HPLC SEC-HPLC The purity of Human ANGPTL2 is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human ANGPTL2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

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Recommend Usage	Biological Activity ELISA SEC-HPLC SPR Tris-Bis PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from filtered solution in PBS, pH 7.4 (8% trehalose).
Storage Instruction	After reconstitution with deionized water to a final concentration more than 100 ug/ml, store at 4°C for 1 week. For long term storage, store at -80°C for 1 year. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- Enzyme-linked Immunoabsorbent Assay
- Surface Plasmon Resonance

  Human LILRB2, hFc Tag captured on CM5 Chip via Protein A can bind Human ANGPTL2, His Tag with an affinity constant of 0.22 uM as determined in SPR assay (Biacore T200).

Gene Info — ANGPTL2

Entrez GeneID	23452
Protein Accession#	Q9UKU9-1
Gene Name	ANGPTL2
Gene Alias	ARP2, HARP, MGC8889
Gene Description	angiopoietin-like 2
Omim ID	605001
Gene Ontology	Hyperlink
Gene Summary	Angiopoietins are members of the vascular endothelial growth factor family and the only known gr owth factors largely specific for vascular endothelium. Angiopoietin-1, angiopoietin-2, and angiop oietin-4 participate in the formation of blood vessels. ANGPTL2 protein is a secreted glycoprotein with homology to the angiopoietins and may exert a function on endothelial cells through autocrine or paracrine action. [provided by RefSeq

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Other Designations	OTTHUMP00000022159|angiopoietin-related protein 2

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