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ANGPTL5
Recombinant Human Angiopoietin-related protein 5 (GST Tag)

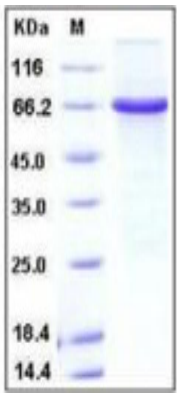
Catalog No.	CRH616A-GST CRH616B-GST	**Quantity:**	20 µg 50 µg
Alternate Names:	Angiopoietin-related protein 5, Angiopoietin-like protein 5		
Description:	The angiopoietins are protein growth factors that promote angiogenesis, the formation of blood vessels from pre-existing blood vessels. There are now four identified angiopoietins: Ang1, Ang2, Ang3, Ang4. In addition, there are a number of proteins that are closely related to angiopoietins (ANGPTL2, ANGPTL3, ANGPTL4, ANGPTL5, ANGPTL6, ANGPTL7). Angiopoietin-like 5 (ANGPTL5) is mainly expressed in adult heart. Like other members of the angiopoietin family, ANGPTL5-deduced protein also has an N-terminal cleavable signal peptide, a predicted coiled-coil domain, and a fibrinogen-like domain. ANGPTL5 are regulators of lipoprotein metabolism in humans. ANGPTL5 plays nonredundant roles in TG metabolism, and multiple alleles at these loci cumulatively contribute to variability in plasma TG levels in humans.		
UniProt ID:	Q86XS5		
Accession Number:	NP_835228.2		
Protein Construction:	A DNA sequence encoding the mature form of human ANGPTL5 (Asn 26-Lys 388) was fused with the GST tag at the N-terminus.		
Source:	Baculovirus-Insect Cells		
Formulation:	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8, 0.5mM GSH, 0.5mM PMSF, 0.5mM EDTA Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants		
Molecular Weight:	The recombinant human ANGPTL5/GST chimera consists of 588 amino acids and predicts a molecular mass of 68 kDa as estimated in SDS-PAGE under reducing conditions.		
Purity:	> 90 % as determined by SDS-PAGE.		
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method		
Biological Activity:	Testing in progress		
Predicted N-terminal:	Met		
Reconstitution:	**Centrifuge vial prior to opening.** Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial. **DO NOT VORTEX**. Allow several minutes for complete reconstitution.		
Storage & Stability:	Stable for up to 1 year from date of receipt at -20°C to -80°C After reconstitution, store working aliquots at -20°C to -80°C. **Avoid repeated freeze-thaw cycles.**		

Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com

SDS-PAGE



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Cell Sciences ®
65 Parker Street
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Newburyport, MA 01950

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Phone: 978-572-1070
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