Datasheet for ABIN1345060

ANGPTL5 Protein (AA 1-388) (GST tag)

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Overview

Quantity:	10 µg
Target:	ANGPTL5
Protein Characteristics:	AA 1-388
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANGPTL5 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Antibody Array (AA), Affinity Purification (AP)

Product Details

Purpose:	ANGPTL5 (Human) Recombinant Protein (P01)
Sequence:	MMSPSQASLL FLNVCIFICG EAVQGNCVHH STDSSVVNIV EDGSNAKDES KSNDTVCKED CEESCDVKTK ITREEKHFMC RNLQNSIVSY TRSTKKLLRN MMDEQQASLD YLSNQVNELM NRVLLLTTEV FRKQLDPFPH RPVQSHGLDC TDIKDTIGSV TKTPSGLYII HPEGSSYPFE VMCDMDYRGG GWTVIQKRID GIIDFQRLWC DYLDGFGDLL GEFWLGLKKI FYIVNQKNTS FMLYVALESE DDTLAYASYD NFWLEDETRF FKMHLGRYSG NAGDAFRGLK REDNQNAKPF STSDVDNDGC RPACLVNGQS VKSCSHLHNK TGWWFNECGL ANLNGIHHFS GKLLATGIQW GTWTKNNSPV KIKSVSMKIR RMYNPYFK
Characteristics:	Human ANGPTL5 full-length ORF (AAH49170.1, 1 a.a. - 388 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

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Target Details

Target:	ANGPTL5
Alternative Name:	ANGPTL5 (ANGPTL5 Products)
Background:	Full Gene Name: angiopoietin-like 5 Synonyms:
Gene ID:	253935

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in:	Drake, Khoury, Leskov, Iliopoulou, Fragoso, Lodish, Chen: "Human CD34+ CD133+ hematopoietic stem cells cultured with growth factors including Angptl5 efficiently engraft adult NOD-SCID Il2r?-/- (NSG) mice." in: **PLoS ONE**, Vol. 6, Issue 4, pp. e18382, (2011) (PubMed). Walenda, Bokermann, Ventura Ferreira, Piroth, Hieronymus, Neuss, Zenke, Ho, Müller, Wagner: " Synergistic effects of growth factors and mesenchymal stromal cells for expansion of hematopoietic stem and progenitor cells." in: **Experimental hematology**, Vol. 39, Issue 6, pp. 617-28, (2011) (PubMed). Zhang, Kaba, Iizuka, Huynh, Lodish: "Angiopoietin-like 5 and IGFBP2 stimulate ex vivo expansion of human cord blood hematopoietic stem cells as assayed by NOD/SCID transplantation." in: **Blood**, Vol. 111, Issue 7, pp. 3415-23, (2008) (PubMed).

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Publications

Zhang, Kaba, Ge, Xie, Tong, Hug, Lodish: "Angiopoietin-like proteins stimulate ex vivo expansion of hematopoietic stem cells." in: **Nature medicine**, Vol. 12, Issue 2, pp. 240-5, (2006) (PubMed).

Images

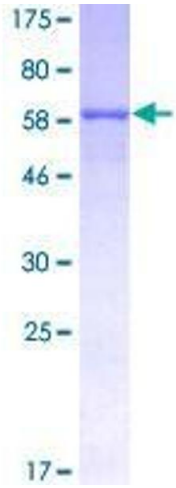

Image 1.

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