Angiopoietin-Related Protein 5 (ANGPTL5) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Angiopoietin-related protein 5 (ANGPTL5), Recombinant Protein
Full Product Name	Recombinant Human Angiopoietin-related protein 5 (ANGPTL5)
Product Gene Name	ANGPTL5 recombinant protein
Product Synonym Gene Name	ANGPTL5
Sequence	NCVHHSTDSS VVNIVEDGSN AKDESKSNDT VCKEDCEESC DVKTKITREE KHFMCRNLQN SIVSYTRSTK KLLRNMMDEQ QASLDYLSNQ VNELMNRVLL LTTEVFRKQL DPFPHRPVQS HGLDCTDIKD TIGSVTKTPS GLYIIHPEGS SYPFEVMCDM DYRGGGRTVI QKRIDGIIDF QRLWCDYLDG FGDLLGEFWL GLKKIFYIVN QKNTSFMLYV ALESEDDTLA YASYDNFWLE DETRFFKMHL GRYSGNAGDA FRGLKKEDNQ NAMPFSTSDV DNDGCRPACL VNGQSVKSCS HLHNKTGWWF NECGLANLNG IHHFSGKLLA TGIQWGTWTK NNSPVKIKSV SMKIRRMYNP YFK
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	44,144 Da
Sequence Positions	26-388, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	607666
3D Structure	ModBase 3D Structure for Q86XS5
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ANGPTL5 recombinant protein	MBS1314970 is a recombinant protein targeting ANGPTL5. Also known as Recombinant Human Angiopoietin-related protein 5 (ANGPTL5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ANGPTL5 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ANGPTL5. It may not necessarily be applicable to this product.

NCBI GI #	187960047
NCBI GeneID	253935
NCBI Accession #	NP_835228.2

UniProt Primary Accession #	Q86XS5
UniProt Secondary Accession #	Q86VR9; A8K658
UniProt Related Accession #	Q86XS5
GenBank Nucleotide #	NM_178127.4
NCBI Official Full Name	angiopoietin-related protein 5
NCBI Official Synonym Full Names	angiopoietin like 5
NCBI Official Symbol	ANGPTL5
UniProt Protein Name	Angiopoietin-related protein 5
UniProt Synonym Protein Names	Angiopoietin-like protein 5
Protein Family	Angiopoietin-related protein
UniProt Gene Name	ANGPTL5
NCBI Protein Information	angiopoietin-related protein 5
Research Articles on ANGPTL5	**1.** CD34+ CD133+ hematopoietic stem cells cultured with growth factors including Angptl5 efficiently engraft adult NOD-SCID Il2rgamma-/- (NSG) mice
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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