ANGPTL-7 Active Protein

PRODUCT OVERVIEW

Product Name	ANGPTL-7, Active Protein
Full Product Name	ANGPTL-7
Product Gene Name	ANGPTL-7 active protein
Sequence	QKLSKHKTPA QPQLKAANCC EEVKELKAQV ANLSSLLSEL NKKQERDWVS VVMQVMELES NSKRMESRLT DAESKYSEMN NQIDIMQLQA AQTVTQTSAD AIYDCSSLYQ KNYRISGVYK LPPDDFLGSP ELEVFCDMET SGGGWTIIQR RKSGLVSFYR DWKQYKQGFG SIRGDFWLGN EHIHRLSRQP TRLRVEMEDW EGNLRYAEYS HFVLGNELNS YRLFLGNYTG NVGNDALQYH NNTAFSTKDK DNDNCLDKCA QLRKGGYWYN CCTDSNLNGV YYRLGEHNKH LDGITWYGWH GSTYSLKRVE MKIRPEDFKP HHHHHHHH
Host	CHO (Host protein expression may be lot-specific and can be subject to change during production, including bulk orders)
Form/Format	Lyophilized from PBS, pH 7.2
Purity/Purification	>98%
3D Structure	ModBase 3D Structure for O43827
Active Protein Note	Protein activity can be an ambiguous term. Please refer to the data sheet or inquire with Technical Support to determine the definition of activity for this product.
Species	Human
Activity	Measured by its binding ability to recombinant alphavbeta3 integrin in a functional ELISA
Tag	6Xhis
Product Categories/Family for ANGPTL-7 active protein	Cytokines
Related Product Information for ANGPTL-7 active protein	MBS550725 is an active protein targeting ANGPTL-7. Host: CHO (Host protein expression may be lot-specific and can be subject to change during production, including bulk orders).
Other Notes	Small volumes of ANGPTL-7 active 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 ANGPTL-7. It may not necessarily be applicable to this product.

NCBI GI #	10863949
NCBI GeneID	10218
NCBI Accession #	NP_066969.1
UniProt Primary Accession #	O43827
UniProt Related Accession #	O43827
GenBank Nucleotide #	NM_021146.3
NCBI Official Full Name	angiopoietin-related protein 7
NCBI Official Synonym Full Names	angiopoietin like 7

NCBI Official Symbol	ANGPTL7
NCBI Official Synonym Symbols	AngX; CDT6; dJ647M16.1
NCBI Protein Information	angiopoietin-related protein 7
Research Articles on ANGPTL-7	**1.** obesity increases the level of ANGPTL7 in both plasma and adipose tissue. Increased expression of ANGPTL7 might play a minor role in the regulation of TG level in obese subjects either directly or through interaction with other ANGPTL protein members. Physical exercise reduced the level of ANGPTL7 highlighting the potential for targeting this protein as a therapeutic target for regulating dyslipidemia.
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