
Product Data Sheet

Product Name: ANGPTL7 Human

Cat. No.: GP26004

Batch No.: 1

Product Data

Purity >98% Source HEK293 cells.

Physical Appearance solid Shipping Condition withIcePacks

Synonyms angiopoietin like 7, AngX, CDT6, dj647M16.1, Angiopoietin-like factor; Angiopoietin-like Protein 7, ANGPTL7, angiopoietinrelated protein 7, Cornea-derived transcript 6 protein

Amino Acid Sequence

QKLSKHKTPA QPQLKAANCC EEVKELKAQV ANLSSLLSEL NKKQERDWVS
VVMQVMELES NSKRME SRLT DAESKYSEM NQIDIMQLQA AQTVTQTSAD
AIYDCSSLYQ KNYRISGVYK LPPDDFLGSP ELEVFCDMET SGGGWTTIQR
RKSGLVSFYR DWKQYKQGF G SIRGDFWLGN EHIHRLSRQP TRLRVEMEDW
EGNLRYAEYS HFVLGNELNS YRLFLGNYTG NVGNDALQYH NNTAFSTKDK
DNDNCLDKCA QLRKGGYWYN CCTDSNLNGV YYRLGEHNKH LDGITWYGWH
GSTYSLKRVE MKIRPEDFKP LEPKSCDKTH TCPPCPAPEL LGGPSVFLFP
PKPKDTLMIS RTPEVTCVVV DVSHEDPEVK FNWYVDGVEV HNAKTKPREE
QYNSTYRVVS VLTVLHQDWL NGKEYKCKVS NKALPAPIEK TISKAKGQPR
EPQVYTLPPS RDELTKNQVS LTCLVKGFYP SDIAVEWESN GQPENNYKTT
PPVLDS DGSF FLYSKLTVDK SRWQQGNVFS CSVMHEALHN HYTQKSLSLS
PGK

Formulation ANGPTL7 protein (0.25mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).

Introduction

Angiopoietin-related protein 7 (ANGPTL7), belongs to the angiopoietin-like family of molecules. ANGPTL7 is expressed in the corneal stroma, trabecular meshwork, and sclera. ANGPTL7 production is up-regulated in trabecular meshwork cells by glucocorticoids and TGF-Beta and in cartilage by TNF-alpha.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer

Caution: Product has not been fully validated for medical applications. For research use only.

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periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

ANGPTL7 Human Recombinant produced in HEK293 cells is a single, glycosylated polypeptide chain (27-346a.a) containing 553 amino acids and having a molecular mass of 63.2kDa. ANGPTL7 is fused to a 233 amino acid hIgG-His-Tag at C-terminus & purified by proprietary chromatographic techniques.

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