

RPPB2703

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## Product Information    Protein Information

**Product SKU:**

RPPB2703

**Accession:**

Q99541

**Host:**

Escherichia Coli.

**Protein description:**

ADFP Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 444 amino acids and having a molecular mass of 49 kDa. The protein contains an extra 8 amino acid His tag at N-terminus. The ADFP amino acid sequence is identical to UniProtKB/Swiss-Prot entry Q99541 amino acids 4–437. The ADFP is purified by proprietary chromatographic techniques.

**Synonyms:**

Adipophilin, Adipose differentiation-related protein, ADRP, ADFP, MGC10598.

**Formulation:**

Human ADFP was lyophilized from 0.5mg/ml solution containing 20mM Tris pH-7.5, and 20mM NaCl.

**Purity:**

Greater than 95% as determined by SDS PAGE.

**Solubility:**

Add deionized water to prepare a working stock solution of approximately 0.5mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

**Stability:**

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

MKHHHHHHAS VAVDPQPSVV TRVVNLPLVS STYDLMSSAY LSTKDQYPYL KSVCEMAENG VKTITSVAMT  
SALPIIQKLE PQIAVANTYA CKGLDRIER LPILNQPSTQ IVANAKGAVT GAKDAVTTTV TGAKDSVAST  
ITGVMDKTKG AVTGSVEKTK SVVSGSINTV LGSRRMQLVS SGVENALTKS ELLVEQYLPL TEELEKEAK  
KVEGFDLVQK PSYYVRLGSL STKLHSRAYQ QALSRVKEAK QKSQQTISQL HSTVHLIEFA RKNVYSANQK  
IQDAQDKLYL SWVEWKRSIG YDDTDESHCA EHIESRTLAI ARNLTQQLQT TCHTLLSNIQ GVPQNIQDQA  
KHMGMAGDI YSVFRNAASF KEVSDSLLTS SKGQLQKMKE SLDDVMDYLV NNTPLNWLVG PFYPQLTESQ  
NAQDQGAEMD KSSQETQRSEHKTH.