9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-3181: AMN Recombinant Protein

Alternative Name : Protein amnionless,AMN,PRO1028,amnionless.

Description

Source : Escherichia Coli. AMN Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 361 amino acids (20-357 a.a) and having a molecular mass of 38.2kDa.AMN is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Amnion Associated Transmembrane Protein (AMN) is a type I transmembrane protein. The AMN protein is essential for efficient absorption of vitamin B12. AMN is assumed to modulate bone morphogenetic protein (BMP) receptor function by acting as an accessory or coreceptor thus facilitating or hindering BMP binding. A complex of AMN and cubilin forms the cubam receptor.

Product Info

Amount :	5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	AMN protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer 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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSVSKLWVP NTDFDVAANW SQNRTPCAGG AVEFPADKMV SVLVQEGHAV SDMLLPLDGE LVLASGAGFG VSDVGSHLDC GAGEPAVFRD SDRFSWHDPH LWRSGDEAPG LFFVDAERVP CRHDDVFFPP SASFRVGLGP GASPVRVRSI SALGRTFTRD EDLAVFLASR AGRLRFHGPG ALSVGPEDCA DPSGCVCGNA EAQPWICAAL LQPLGGRCPQ AACHSALRPQ GQCCDLCGAV VLLTHGPAFD LERYRARILD TFLGLPQYHG LQVAVSKVPR SSRLREADTE IQVVLVENGP ETGGAGRLAR ALLADVAENG EALGVLEATM RESGAHVWGS S.

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