9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

AMN Human

Amnion Associated Transmembrane Protein Human Recombinant
RCP0047

Product Overview

Name	AMN Human
Description	
Amnion Associated Transmembrane Protein Human Recombinant	
Accession (Primary)	Q9BXJ7
Synonyms	
Protein amnionless, AMN, PRO1028, amnionless.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
AMN protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS VSKLWVP 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	

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Precautions

AMN Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9BXJ7)