

# Product datasheet for AR50690PU-S

### amnionless / AMN (20-357, His-tag) Human Protein

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** amnionless / AMN (20-357, His-tag) human recombinant protein, 10 µg Species: Human E. coli **Expression Host:** Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MGSVSKLWVP NTDFDVAANW SQNRTPCAGG AVEFPADKMV or AA Sequence: 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 Tag: His-tag Predicted MW: 38.2 kDa **Concentration:** lot specific **Purity:** >90% by SDS - PAGE Buffer: Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1 mM DTT **Preparation:** Liquid purified protein **Protein Description:** Recombinant human AMN protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Storage: Avoid repeated freezing and thawing. Stability: Shelf life: one year from despatch. RefSeq: NP 112205 Locus ID: 81693 **UniProt ID:** Q9BXJ7 Cytogenetics: 14q32.32 amnionless; IGS2; PRO1028 Synonyms:



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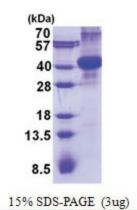
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	amnionless / AMN (20-357, His-tag) Human Protein – AR50690PU-S
Summary:	The protein encoded by this gene is a type I transmembrane protein. It is thought to modulate bone morphogenetic protein (BMP) receptor function by serving as an accessory or coreceptor, and thus facilitates or hinders BMP binding. It is known that the mouse AMN gene is expressed in the extraembryonic visceral endoderm layer during gastrulation, but it is found to be mutated in amnionless mouse. The encoded protein has sequence similarity to short gastrulation (Sog) and procollagen IIA proteins in Drosophila. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transmembrane

## **Product images:**

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