

## 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
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSVSKLWVP NTDFDVAANW SQNRTPCAGG AVEFPADKMV SVLVQEGHAV SDMLLPLDGE LVLASGAGFG VSDVGSHLDC GAGEPAVFRD SDRFSWHDPH LWRSGDEAPG LFFVDAERP CRHDDVFFPP SASFRVGLGP GASPVRVRSI SALGRTFTRD EDLAVFLASR AGRLRFHGPG ALSVGPEDCA DPSGCVCGNA EAQPWICAAL LQPLGGRCQP AACHSALRPQ GQCCDLCGAV VLLTHGPAFD LERYRARILD TFLGLPQYHG LQVAVSKVPR SSRLREADTE IQVVLVNGP 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.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_112205</a>
Locus ID:	81693
UniProt ID:	<a href="#">Q9BXJ7</a>
Cytogenetics:	14q32.32
Synonyms:	amnionless; IGS2; PRO1028



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**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 amionless 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:**