

## Product datasheet for **TP319248M**

### AMN (NM\_030943) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human amnionless homolog (mouse) (AMN), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219248 representing NM_030943 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MGVLGRVLLWLQLCALTQAVSKLWVPNTDFDVAANWSQNRTPCAGGAVEFPADKMVSVLVQEGHAVSDML LPLDGELVLASGAGFGVSDVGSHLDCGAGEPAVFRSDRFSWHDPHLWRSRGDEAPGLFFVDAERVPCRHD DVFFPPSASFRVGLGPGASPVRVRSISALGRTFTRDEDLAVFLASRAGRRLRFHGPALSVPEDCADPSG CVCGNAEAQPWICALLQPLGGRCQAACHFALRPQGQCCDLCGAVLLTHGPAFDLERYRARILDFTLG LPQYHGLQVAVSKVPRSSRLREADTEIQVVLVENGPETGGAGRLARALLADVAENGEALGVLEATMRESG AHWVGSSAAGLAGGVA AAVLLALLVLLVAPLLRRAGRLRWRHEAAAPAGAPLGF RNPVFDVTASEELP LPRRLSLVPKAAADSTSHSYFVNPLFAGAEAEA  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	45.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_112205</a></u>



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Locus ID: 81693

UniProt ID: [Q9BXJ7](#)

RefSeq Size: 1896

Cytogenetics: 14q32.32

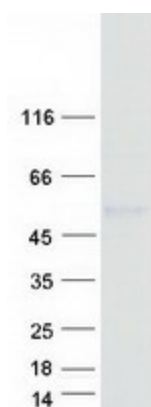
RefSeq ORF: 1359

Synonyms: amnionless; IGS2; PRO1028

**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:



Coomassie blue staining of purified AMN protein (Cat# [TP319248]). The protein was produced from HEK293T cells transfected with AMN cDNA clone (Cat# [RC219248]) using MegaTran 2.0 (Cat# [TT210002]).