

Recombinant Mouse Amn Protein, Myc/DDK-tagged

Cat. No. Amn-1612M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length amnionless (Amn), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a type I transmembrane protein. The encoded protein is an essential component of the cubulin receptor complex which is thought to play a role in coordinating growth and patterning of the embryo. This protein is thought to modulate a bone morphogenetic protein (BMP) signaling pathway. A homoygous mutation in the mouse gene results in the lack of an amnion in embryos. Mutations in the human gene are associated with Megaloblastic Anemia-1.
Molecular Mass	49.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Amn amnionless \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Amn](#)

Synonyms AMN; amnionless; protein amnionless; type I transmembrane protein; AV002116; 5033428N14Rik

Gene ID [93835](#)

mRNA Refseq [NM_033603](#)

Protein Refseq [NP_291081](#)

UniProt ID [Q99JB7](#)

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