Active Recombinant Human AMN Protein, His-tagged

Cat. No. AMN-777H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMN (Accession # NP_112205) Val20-Ala358, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Val20-Ala358
Predicted N Terminal	Val20
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA.Immobilized rhCubulin at 1 μg/mL can bind rhAmnionless with an apparent KD < 100 nM.
Molecular Mass	Recombinant Human AMN, His-tagged has a calculated MW of 37.2 kDa. In SDS-PAGE migrates as 41-42 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	AMN amnionless homolog (mouse) [Homo sapiens]
Official Symbol	AMN
Synonyms	AMN; amnionless homolog (mouse); protein amnionless; visceral endoderm-specific type 1 transmembrane protein; PRO1028;
Gene ID	81693
mRNA Refseq	NM_030943
Protein Refseq	NP_112205
MIM	605799
UniProt ID	Q9BXJ7
Chromosome Location	14q32.32

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