Recombinant Rat Amn Protein, His-tagged

Cat. No. Amn-136R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Amn Protein (Ala20-Glu268) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ala20-Glu268
Description	Predicted to enable signaling receptor binding activity. Predicted to be involved in Golgi to plasma membrane protein transport; cobalamin transport; and receptor-mediated endocytosis. Predicted to act upstream of or within excretion. Located in brush border membrane and endocytic vesicle. Part of protein-containing complex. Human ortholog(s) of this gene implicated in megaloblastic anemia. Orthologous to human AMN (amnion associated transmembrane protein).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.3 kDa Accurate Molecular Mass: 30 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Amn amnionless homolog (mouse) [Rattus norvegicus (Norway rat)]
Official Symbol	Amn
Synonyms	AMN; amnionless homolog (mouse); protein amnionless
Gene ID	314459
mRNA Refseq	NM_001108061
Protein Refseq	NP_001101531
UniProt ID	D3ZFK9

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