

Recombinant Rat Avil Protein, His-tagged

Cat. No. Avil-281R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Avil Protein (Met1-Gly160) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Gly160
Description	Enables actin binding activity. Involved in nervous system development and positive regulation of neuron projection development. Located in neuron projection. Human ortholog(s) of this gene implicated in nephrotic syndrome type 21. Orthologous to human AVIL (advillin).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.9 kDa Accurate Molecular Mass: 24 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

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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

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 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

Avil advillin [*Rattus norvegicus* (Norway rat)]

Official Symbol

Avil

Synonyms

AVIL; advillin; pervin; peripheral nervous system villin-like protein

Gene ID

79253

mRNA Refseq

NM_024401

Protein Refseq

NP_077377

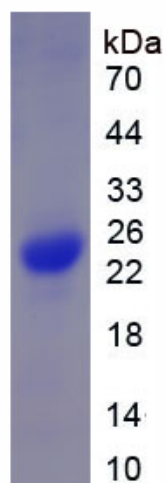
UniProt ID

Q9WU06

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