

Recombinant Mouse Anxa7 Protein, His-tagged

Cat. No. Anxa7-173M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Anxa7 Protein (Met1-Arg309) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Arg309
Description	Predicted to enable several functions, including calcium-dependent phospholipid binding activity; calcium-dependent protein binding activity; and integrin binding activity. Acts upstream of or within several processes, including cellular chemical homeostasis; hemostasis; and response to salt stress. Located in several cellular components, including cytosol; nuclear envelope; and vesicle. Orthologous to human ANXA7 (annexin A7).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.3 kDa Accurate Molecular Mass: 36 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	Anxa7 annexin A7 [Mus musculus (house mouse)]
Official Symbol	Anxa7
Synonyms	ANXA7; annexin A7; annexin-7; annexin VII; Anx7; synexin; AI265384; AI316497
Gene ID	11750
mRNA Refseq	NM_001110794
Protein Refseq	NP_001104264
UniProt ID	Q07076

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