

Recombinant Mouse Anxa8 Protein, His&GST-tagged

Cat. No. Anxa8-175M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Anxa8 Protein (Met1-Leu327) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Leu327
Description	Predicted to enable several functions, including actin filament binding activity; phosphatidylinositol-3,4-bisphosphate binding activity; and phospholipid binding activity. Predicted to be involved in endosomal transport; endosome organization; and negative regulation of hydrolase activity. Predicted to act upstream of or within blood coagulation. Predicted to be located in cytosol; late endosome membrane; and plasma membrane. Predicted to be active in cytoplasm. Is expressed in several structures, including foregut; forelimb; genitourinary system; sensory organ; and skin. Orthologous to several human genes including ANXA8L1 (annexin A8 like 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 66.7 kDa Accurate Molecular Mass: 67 kDa
Purity	> 90%

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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 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	Anxa8 annexin A8 [Mus musculus (house mouse)]
Official Symbol	Anxa8
Synonyms	ANXA8; annexin A8; annexin 8; annexin-8; annexin VIII; Anx8; AI466995; MGC40628
Gene ID	11752
mRNA Refseq	NM_013473
Protein Refseq	NP_038501
UniProt ID	O35640

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