

Recombinant Mouse Acrv1 Protein, His&GST-tagged

Cat. No. Acrv1-48M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Acrv1 Protein (Val36-Pro256) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Val36-Pro256
Description	Located in acrosomal vesicle. Is expressed in epididymis; mammary gland; skeletal muscle; stomach fundus; and testis. Orthologous to human ACRV1 (acrosomal vesicle protein 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53.7 kDa Accurate Molecular Mass: 70 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

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

[Acrv1 acrosomal vesicle protein 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Acrv1](#)

Synonyms

ACRV1; acrosomal vesicle protein 1; acrosomal protein SP-10; MSA-63; Msa63; SP-10

Gene ID

[11451](#)

mRNA Refseq

[NM_007391](#)

Protein Refseq

[NP_031417](#)

UniProt ID

[P50289](#)

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