

## Recombinant Rat Acta1, His-tagged

**Cat. No.** Acta1-3091R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Actin, alpha skeletal muscle (Acta1)
<b>Species</b>	Rat
<b>Source</b>	E.Coli/Yeast
<b>ProteinLength</b>	377
<b>Description</b>	may act as a structural component of the cytoskeleton; may play a role in muscle function .
<b>Form</b>	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
<b>Purity</b>	>90%
<b>Notes</b>	Small volumes of Acta1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
<b>Storage</b>	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
<b>Storage Buffer</b>	PBS pH 7.4, 50% glycerol

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**Warning** This product is for research use only. Not for use in diagnostic or therapeutic procedures.

## GENE INFORMATION

**Gene Name** [Acta1 actin, alpha 1, skeletal muscle \[ Rattus norvegicus \]](#)

**Official Symbol** Acta1

**Synonyms** ACTA1; actin, alpha 1, skeletal muscle; actin, alpha skeletal muscle; actin alpha 1; alpha-actin-1;

**Gene ID** [29437](#)

**mRNA Refseq** [NM\\_019212](#)

**Protein Refseq** [NP\\_062085](#)

**Pathway** Hypothetical Network for Drug Addiction, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem; Striated Muscle Contraction, organism-specific biosystem;

**Function** ATP binding; nucleotide binding;

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