

## Recombinant Mouse Actg1, His-tagged

**Cat. No.** Actg1-3094M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Actin, cytoplasmic 2 (Actg1)                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.Coli/Yeast                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 375                                                                                                                                                                                                                                                                                                            |
| <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 Actg1 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                                                                                                                                                                                                                                                                                       |
| <b>Warning</b>          | This product is for research use only. Not for use in diagnostic or therapeutic procedures.                                                                                                                                                                                                                    |

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## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Actg1 actin, gamma, cytoplasmic 1 [ Mus musculus ]                                                                                                                                                                                                              |
| <b>Official Symbol</b> | Actg1                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>        | ACTG1; actin, gamma, cytoplasmic 1; actin, cytoplasmic 2; gamma-actin; beta-actin FE-3; E51; Actg; Actl; AL023024;                                                                                                                                              |
| <b>Gene ID</b>         | 11465                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_009609                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | NP_033739                                                                                                                                                                                                                                                       |
| <b>Pathway</b>         | Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Bacte |
| <b>Function</b>        | ATP binding; identical protein binding; nucleotide binding; protein binding; structural constituent of cytoskeleton;                                                                                                                                            |

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