

# Recombinant Full Length Human ACTL9 Protein, GST-tagged

**Cat. No.** ACTL9-6187HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human MGC33407 full-length ORF ( NP_848620.1, 1 a.a. - 416 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 416 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | ACTL9 (Actin Like 9) is a Protein Coding gene. An important paralog of this gene is ACTL7A.                                                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 71.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MDASRPKSSSEQSSLEAPRPGPNPSPNVVNKPLQRDSPGMVADRLPPKTGAVVID<br>MGTGTCKVGFAGQASPTYTVATILGCQPKKPATSGQSGLQTFIGEAAARVLPCLTLVQ<br>PLRSGIVVDWDAELIWRHLLHDLRVATHDHPLLFSDPPFSPATNREKLVEVAFES<br>LRSPAMYVASQSVLSVYAHGRVSGLVVDTGHGVTYTPVPVFQGYNLLHATERLDLAG<br>NNLTAFLAEMLLQAGLPLGQQDLLENIKHHYCYVASDFQKEQARPEQEYKRTLKL<br>PDGRTVTLGKELFQCPELLFNPPEVPGLSPVGLSTMAKQSLRKLSLEMRADLAQNV<br>LLCGGSSLFTGFEGRFRAELLRALPAETHVVAAQPTRNFSVWIGGSILASLRAFQS<br>CWVLREQYEEQGPYIVYRKCY |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)                                                                                                                                                                                                                                                                                                                                                                                 |

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|-------------------------|-------------------------------------------------------------------------------------------------------------------|
|                         | Antibody Production<br>Protein Array                                                                              |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                            |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                          |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                          |
| <b>GENE INFORMATION</b> |                                                                                                                   |
| <b>Gene Name</b>        | ACTL9 actin like 9 [ Homo sapiens (human) ]                                                                       |
| <b>Official Symbol</b>  | ACTL9                                                                                                             |
| <b>Synonyms</b>         | ACTL9; actin like 9; HSD21; actin-like protein 9; testicular tissue protein Li 15; testicular tissue protein Li 9 |
| <b>Gene ID</b>          | 284382                                                                                                            |
| <b>mRNA Refseq</b>      | NM_178525                                                                                                         |
| <b>Protein Refseq</b>   | NP_848620                                                                                                         |
| <b>MIM</b>              | 619251                                                                                                            |
| <b>UniProt ID</b>       | Q8TC94                                                                                                            |

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