

## Recombinant Mouse Itgam Protein, Myc/DDK-tagged

**Cat. No.** Itgam-3602M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length integrin alpha M (Itgam), with C-terminal MYC/DDK tag, expressed in HEK293T cells.          |
| <b>Species</b>          | Mouse                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                        |
| <b>Description</b>      | Broad expression in liver E18 (RPKM 8.3), mammary gland adult (RPKM 7.7) and 23 other tissues.                                                |
| <b>Molecular Mass</b>   | 127.9 kDa                                                                                                                                     |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                   |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                              |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                         |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Itgam integrin alpha M [ Mus musculus (house mouse) ]</a>                                                                                                                                                                                                                                                                                                                                                            |
| <b>Official Symbol</b> | <a href="#">Itgam</a>                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>        | ITGAM; integrin alpha M; integrin alpha-M; Mac-1 alpha; CD11B (p170); CR-3 alpha chain; macrophage antigen alpha; complement receptor type 3; leukocyte adhesion receptor MO1; CD11 antigen-like family member B; complement component receptor 3 alpha-a; cell surface glycoprotein MAC-1 alpha subunit; cell surface glycoprotein MAC-1 subunit alpha; CR3; CR3A; MAC1; Cd11b; Ly-40; Mac-1; Mac-1a; CD11b/CD18; F730045J24Rik |
| <b>Gene ID</b>         | <a href="#">16409</a>                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>     | <a href="#">NM_008401</a>                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>  | <a href="#">NP_032427</a>                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID</b>      | <a href="#">E9Q604</a>                                                                                                                                                                                                                                                                                                                                                                                                           |

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