

# Active Recombinant Mouse Itga9&Itgb1

**Cat. No.** Itga9&Itgb1-516M    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Itga9&Itgb1 (Accession # CAC69080 (Integrin alpha 9) & P09055 (Integrin beta 1)) was produced in Chinese Hamster Ovary cell line, CHO-derived.                          |
| <b>Species</b>              | Mouse                                                                                                                                                                                     |
| <b>Source</b>               | CHO                                                                                                                                                                                       |
| <b>Predicted N Terminal</b> | Tyr31 (Integrin alpha 9) & Gln21 predicted: No results obtained, sequencing might be blocked (Integrin beta 1)                                                                            |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS.                                                                                                                                        |
| <b>Bio-activity</b>         | Measured by the ability of the immobilized protein to support the adhesion of CHO Chinese hamster ovary cells transfected with VCAM-1. The ED50 for this effect is typically 0.6-3 µg/mL. |
| <b>Molecular Mass</b>       | Recombinant Mouse Itga9&Itgb1 has a calculated MW of 114 kDa (Integrin alpha 9) & 86.5 kDa (Integrin beta 1). In SDS-PAGE migrates as 120-160 kDa, reducing conditions.                   |
| <b>Purity</b>               | >95%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                               |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3             |

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months (-70°C).

**GENE INFORMATION****Gene Name** [Itga9 integrin alpha 9 \[ Mus musculus \]](#)**Official Symbol** Itga9**Synonyms** ITGA9; integrin alpha 9; (alpha)9;**Gene ID** [16406](#)**mRNA Refseq****Protein Refseq****MIM** Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA