

Active Recombinant Mouse Itga9&Itgb1

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

SPECIFICATION

Product Overview	Recombinant Mouse Itga9&Itgb1 (Accession # CAC69080 (Integrin alpha 9) & P09055 (Integrin beta 1)) was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
Predicted N Terminal	Tyr31 (Integrin alpha 9) & Gln21 predicted: No results obtained, sequencing might be blocked (Integrin beta 1)
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	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.
Molecular Mass	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.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA