

Active Recombinant Mouse Itga10&Itgb1

Cat. No. Itga10&Itgb1-664M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Itga10&Itgb1 (Accession # NP_001074522 (Integrin alpha 10) & P09055 (Integrin beta 1)) was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
Predicted N Terminal	Phe23 (Integrin alpha 10) & 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 its binding ability in a functional ELISA. When Mouse Laminin I is coated at 10 µg/mL, Recombinant Mouse Integrin alpha 10 beta 1 binds with an apparent KD <10 nM.
Molecular Mass	Recombinant Mouse Itga10&Itgb1 has a calculated MW of 129.2 kDa (Integrin alpha 10) & 86.5 kDa (Integrin beta 1). In SDS-PAGE migrates as 125-140 kDa & 155-170 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

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months (-70°C).

GENE INFORMATION**Gene Name** [Itga1 integrin alpha 1 \[Mus musculus \]](#)**Official Symbol** [Itga1](#)**Synonyms** ITGA1; integrin alpha 1; integrin alpha-1; VLA-1; laminin and collagen receptor; CD49 antigen-like family member A; Vla1; CD49A; E130012M19Rik;**Gene ID** [109700](#)**mRNA Refseq** [NM_001033228](#)**Protein Refseq** [NP_001028400](#)**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