Active Recombinant Mouse Itgam&Itgb2

Cat. No. Itgam&Itgb2-605M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Itgam&Itgb2 (Accession # NP_032427 (Integrin alpha M) & P11835 (Integrin beta 2)), fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
Predicted N Terminal	Phe17 (Integrin alpha M) & Gln24 predicted, No results obtained: sequencing might be blocked (Integrin beta 2)
Form	Lyophilized from a 0.2 μm 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 ICAM-1.The ED50 for this effect is typically 0.4-1.6 μg/mL.
Molecular Mass	Recombinant Mouse Itgam&Itgb2 has a calculated MW of 130 kDa (Integrin alpha M) & 83 kDa (Integrin beta 2). In SDS-PAGE migrates as 155-180 kDa & 95-105 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE with silver staining.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3

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	months (-70ºC).
Reconstitution	Reconstitute at 100 µg/mL in PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name	Itgam integrin alpha M [Mus musculus]
Official Symbol	Itgam
Synonyms	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;
Gene ID	16409
mRNA Refseq	NM_001082960
Protein Refseq	NP_001076429
MIM	

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