

Recombinant Full Length Human ITGAM Protein, GST-tagged

Cat. No. ITGAM-264HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGAM(111 a.a. - 220 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	111 a.a. - 220 a.a.
Description	This gene encodes the integrin alpha M chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as macrophage receptor 1 ('Mac-1'), or inactivated-C3b (iC3b) receptor 3 ('CR3'). The alpha M beta 2 integrin is important in the adherence of neutrophils and monocytes to stimulated endothelium, and also in the phagocytosis of complement coated particles. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	37.84 kDa
AA Sequence	QTCSENTYVK GLCFLFGSNL RQQPQKFPEA LRGCPQEDSD IAFLIDGSGS IIPHDFRRMK EFVSTVMEQL KKSCTLFSLM QYSEEFRIHF TFKEFQNNPN PRSLVKPITQ
Applications	ELISA; WB-Re; AP; Array

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name ITGAM integrin, alpha M (complement component 3 receptor 3 subunit) [Homo sapiens (human)]

Official Symbol ITGAM

Synonyms ITGAM; CR3A; MO1A; CD11B; MAC-1; MAC1A; SLEB6; integrin, alpha M (complement component 3 receptor 3 subunit); integrin alpha-M; CR-3 alpha chain; antigen CD11b (p170); leukocyte adhesion receptor MO1; CD11 antigen-like family member B; macrophage antigen alpha polypeptide; cell surface glycoprotein MAC-1 subunit alpha; neutrophil adherence receptor alpha-M subunit

Gene ID 3684

mRNA Refseq NM_000632

Protein Refseq NP_000623

MIM 120980

UniProt ID P11215

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