

Recombinant Human ITGAX Protein, GST-tagged

Cat. No. ITGAX-4987H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ITGAX partial ORF (NP_000878, 114 a.a. - 223 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes the integrin alpha X chain protein. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as inactivated-C3b (iC3b) receptor 4 (CR4). The alpha X beta 2 complex seems to overlap the properties of the alpha M beta 2 integrin in the adherence of neutrophils and monocytes to stimulated endothelium cells, and in the phagocytosis of complement coated particles. [provided by RefSeq]
Molecular Mass	37.84 kDa
AA Sequence	HECGRNMYLTGLCFLLGPTQLTQRLPVSQRQECPRQEQDIVFLIDGSGSISRNFMATM MNFVRAVISQFQRPSTQFSLMQFSNKFQTHFTFEEFRRSSNPLSLLASVHQLQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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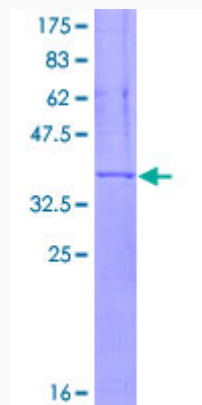
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ITGAX integrin, alpha X (complement component 3 receptor 4 subunit) [Homo sapiens]
Official Symbol	ITGAX
Synonyms	ITGAX; integrin, alpha X (complement component 3 receptor 4 subunit); CD11C, integrin, alpha X (antigen CD11C (p150), alpha polypeptide); integrin alpha-X; CD11c; leu M5, alpha subunit; p150 95 integrin alpha chain; CD11 antigen-like family member C; leukocyte adhesion receptor p150,95; myeloid membrane antigen, alpha subunit; leukocyte surface antigen p150,95, alpha subunit; leukocyte adhesion glycoprotein p150,95 alpha chain; integrin, alpha X (antigen CD11C (p150), alpha polypeptide); CD11C; SLEB6;
Gene ID	3687
mRNA Refseq	NM_000887
Protein Refseq	NP_000878
MIM	151510
UniProt ID	P20702

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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