

Recombinant Human ITGAX & ITGB2 protein, His-tagged

Cat. No. ITGAX & ITGB2-0280H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGAX & ITGB2 protein(P20702 & P05107)(Met1-Pro1107 & Met1-Asn700), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-1107;1-700 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant heterodimer of human ITGAX & ITGB2 comprises 1859 (1140+719) amino acids and has a calculated molecular mass of 204.8 (125.62+79.18) kDa.
Proteinlength	Met1-Pro1107 & Met1-Asn700
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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