



Product Datasheet

Product Name	CD11b Human Recombinant
Cata No	CB501088
Source	<i>Escherichia Coli.</i>
Synonyms	Integrin alpha-M, Cell surface glycoprotein MAC-1 subunit alpha, CR-3 alpha chain, Leukocyte adhesion receptor MO1, Neutrophil adherence receptor, CD11b antigen, ITGAM, CR3A, MO1A, CD11B, MAC-1, MAC1A, MGC117044.

Description

Leukocyte associated protein consists of two polypeptide chains with molecular weights 95 and 170kDa. The molecule functions as a cell surface receptor for the C3bi complement fragment. It belongs to family of heterodimeric proteins (designated CD11) which share a common beta chain CD18 of 95kDa. The alpha chain component of the leukocyte associated antigen is expressed on granulocytes, monocytes and macrophages. CD11b Human Recombinant (aa 936-1154) expressed in E.coli, shows a 52 kDa band on SDS-PAGE.

The CD11b is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile Filtered clear solution.

Formulation

CD11b at 100µg/20ul in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.

Stability

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

Please prevent freeze-thaw cycles.

Applications

- ELISA
- Inhibition Assays
- Western Blotting