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Recombinant Mouse Sialic Acid Binding Ig-like Lectin 3 Protein

产品货号: TP05543

第三版

别名:CD33;Myeloid cell surface antigen CD33;Sialic acid-binding Ig-like lectin 3;Siglec-3;Siglec3

描述:Mouse myeloid cell surface antigen CD33(CD33) is a member of the immunoglobulin superfamily and SIGLEC (sialic acid binding Ig-like lectin) family. CD33 contains one Ig-like C2-type domain and one Ig-like V-type domain. CD33 is a putative adhesion molecule of myelomonocytic-derived cells that mediates sialic-acid dependent binding to cells. CD33 preferentially binds to alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. In the immune response, CD33 may act as an inhibitory receptor upon ligand induced tyrosine phosphorylation by recruiting cytoplasmic phosphatase(s) via their SH2 domain(s) that block signal transduction through dephosphorylation of signaling molecules. CD33 induces apoptosis in acute myeloid leukemia. CD33 is becoming increasingly important as a target of antibody-mediated therapy in acute myeloid leukaemia (AML).

配方:PBS

分子量:25.7 kDa

序列:Met 1-Glu 240

纯度:> 95% by HPLC

浓度:

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.