

### 32-9185: Recombinant Human Siglec-3/CD33 (C-hFc&His)

**Alternative Name :** Myeloid Cell Surface Antigen CD33; Sialic Acid-Binding Ig-Like Lectin 3; Siglec-3; gp67; CD33; SIGLEC3

#### Description

Source : Human 293 Cells;

Myeloid cell surface antigen CD33 is a single-pass type I membrane protein that belongs to the immunoglobulin superfamily and SIGLEC (sialic acid binding Ig-like lectin) family. CD33 is a putative adhesion molecule of myelomonocytic-derived cells that regulates sialic-acid dependent binding to cells. In the immune response, 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.

#### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, 5% Trehalose, 0.01%Tween 80, pH7.2

**Amino Acid :** Recombinant Human Sialic Acid Binding Ig-like Lectin 3 is produced by our Mammalian expression system and the target gene encoding Asp18-His259 is expressed with a Fc & 6His tag at the C-terminus.