

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

CD33,18-259aa Human, His tag, E.coli

产品货号: TP01504

第三版

别名:CD33 molecule, FLJ00391, p67, SIGLEC-3, SIGLEC3

**描述:**CD33 is putative adhesion molecule of myelomonocytic-derived cells that mediates sialic-acid dependent binding to cells. It 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. This protein induces apoptosis in acute myeloid leukemia (in vitro). Recombinant human CD33 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**分子量:**29.1 kDa (265aa)

**序列:**

MGSSHHHHHHSSGLVPRGSHMGSDPNFWLQVQESVTVQEGLCVLPCTFFHPIPIYYDKNSPVHGYWFRGAIISGDSPV  
ATNKLDQEVQEETQGRFLLGDPSRNNCSLSIVDARRRDNGSYFFRMERGSTKYSYKSPQLSVHVTDLTHRPKILIPGTLEP  
GHSKNLTCSVSWACEQGTPPIFSWLSAAPTSLGPRTHSSVLIITPRPQDHGTNLTCQVKFAGAGVTTERTIQLNVTYVPQ  
NPTTGIFPGDGSKGQETRAGVVH

**纯度:**> 95% by HPLC

**浓度:**1 mg/ml (determined by Bradford assay)

**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.