

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Human CD33 protein BYT-ORB624101

Article Name	Human CD33 protein
Biozol Catalog Number	BYT-ORB624101
Supplier Catalog Number	orb624101
Alternative Catalog Number	BYT-ORB624101-1,BYT-ORB624101-100,BYT-ORB624101-20
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Human CD33 protein spans the amino acid sequence from region 18-259aa. Purity: Greater than 95% as determined by SDS-PAGE....
Molecular Weight	56.9 kDa
UniProt	<a href="#">P20138</a>
Buffer	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Source	Homo sapiens (Human)
Purity	Greater than 95% as determined by SDS-PAGE.
Form	Lyophilized powder
Sequence	DPNFWLQVQESVTVQEGLCVLPCTFFHPIPYDKNSPVHGYWFREGAIISRD SPVATNKLDQEVQEETQGRFLLGDPSRNNCSLSIVDARRRDNGSYFFRMER GSTKYSYKSPQLSVHVTDLTHRPKILIPGTLEPGHSKNLTCVSWACEQGTPPI FSWLSAAPTSLGPRTTSSVLIITPRPQDHGTNLTCQVKFAGAGVTTERTIQLN VTYVPQNPTTGIFPGDGSQKQETRAGVVH

Application Notes

Biological Origin: Homo sapiens (Human). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized CD33 at 2 µg/ml can bind Anti-CD33 rabbit monoclonal antibody, the EC50 of human CD33 protein is 4.289- 5.312 ng/ml. Application Notes: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference