PRODUCT INFORMATION

Target	CD33
Synonyms	p67; SIGLEC3; SIGLEC-3
Description	Recombinant human CD33(18-259) Protein with C-terminal 10×His tag
Delivery	In Stock
Uniprot ID	P20138
Expression Host	HEK293
Tag	C-10×His tag
Molecular Characterization	CD33(Asp18-His259) 10×His tag
Molecular Weight	The protein has a predicted molecular mass of 28.2 kDa after removal of the signal peptide. The apparent molecular mass of CD33(18-259)-His is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	Enables protein phosphatase binding activity and sialic acid binding activity. Involved in several processes, including negative regulation of cytokine production; negative regulation of monocyte activation; and positive regulation of protein tyrosine phosphatase activity. Located in several cellular components, including Golgi apparatus; external side of plasma membrane; and peroxisome. [provided by Alliance of Genome Resources, Apr 2022]
Usage	Research use only
Conjugate	Unconjugated

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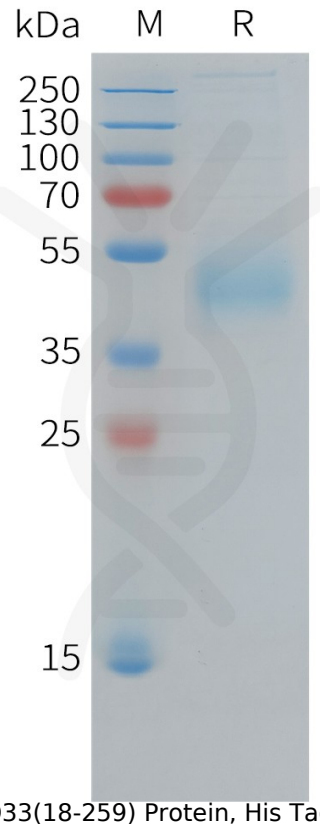


Figure 1. Human CD33(18-259) Protein, His Tag on SDS-PAGE under reducing condition.

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