PRODUCT INFORMATION

Target	CD99
Synonyms	HBA71;MIC2;MIC2X;MIC2Y;MSK5X
Description	Recombinant Human CD99 with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P14209
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	CD99(Asp23-Asp122) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 36.2 kDa after removal of the signal peptide. The apparent molecular mass of CD99-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% 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	The protein encoded by this gene is a cell surface glycoprotein involved in leukocyte migration, T-cell adhesion, ganglioside GM1 and transmembrane protein transport, and T-cell death by a caspase-independent pathway. In addition, the encoded protein may have the ability to rearrange the actin cytoskeleton and may also act as an oncosuppressor in osteosarcoma. This gene is found in the pseudoautosomal region of chromosomes X and Y and escapes X-chromosome inactivation. There is a related pseudogene located immediately adjacent to this locus. [provided by RefSeq, Mar 2016]
Usage	Research use only
Conjugate	Unconjugated

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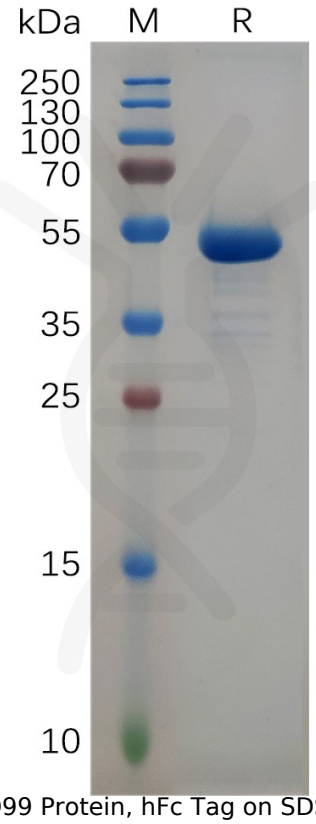


Figure 1. Human CD99 Protein, hFc Tag on SDS-PAGE under reducing condition.

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