PRODUCT INFORMATION

Target	CD93
Synonyms	C1qR(P);C1QR1;C1qRP;CDw93;dJ737E23.1;ECSM3;MXRA4
Description	Recombinant mouse CD93 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	O89103
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	Mouse CD93(Ala23-Asn572) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 59.9 kDa after removal of the signal peptide. The apparent molecular mass of mCD93-His is approximately 70-100 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	Receptor (or element of a larger receptor complex) for C1q, mannose-binding lectin (MBL2) and pulmonary surfactant protein A (SPA). May mediate the enhancement of phagocytosis in monocytes and macrophages upon interaction with soluble defense collagens. May play a role in intercellular adhesion. Marker for early multipotent hematopoietic precursor cells. May play a role in cell-cell interactions during hematopoietic and vascular development.[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated

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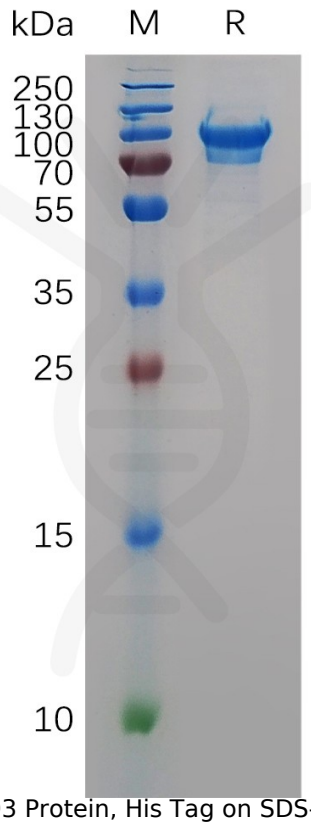


Figure 1. Mouse CD93 Protein, His Tag on SDS-PAGE under reducing condition.

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