

MOUSE CD93 PROTEIN, HIS TAG

Cat.#: 12157

Product Name: Mouse CD93 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: C1qR(P);C1QR1;C1qRP;CDw93;dJ737E23.1;EC5M3;MXRA4

Target: CD93

UNIPROT ID: O89103

Description: Recombinant mouse CD93 protein with C-terminal 6xHis tag

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]

Species/Host: HEK293

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.

Molecular Characterization: Mouse CD93(Ala23-Asn572) 6×His tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.

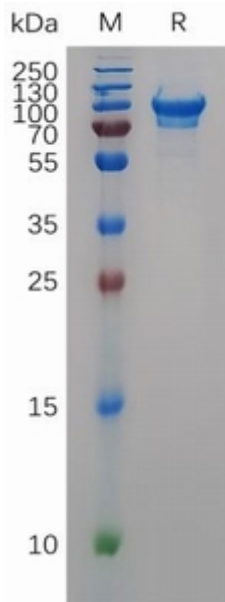


Figure 1. Mouse CD93 Protein, His Tag on SDS-PAGE under reducing condition.