CYNOMOLGUS CD93 PROTEIN, HIS TAG

Cat.#: 12120

Product Name: Cynomolgus CD93 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: C1qR;C1qR(p);C1qRp;CDw93

Target: CD93

UNIPROT ID: A0A2K5VH53

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

Background: The protein encoded by this gene is a cell-surface glycoprotein and type I membrane protein that was originally identified as a myeloid cell-specific marker. The encoded protein was once thought to be a receptor for C1q, but now is thought to instead be involved in intercellular adhesion and in the clearance of apoptotic cells. The intracellular cytoplasmic tail of this protein has been found to interact with moesin, a protein known to play a role in linking transmembrane proteins to the cytoskeleton and in the remodelling of the cytoskeleton. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 59.2 kDa after removal of the signal peptide. The apparent molecular mass of cCD93-His is approximately 70-130 kDa due to glycosylation.

Molecular Characterization: CD93(Ala24-Leu581) 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 -20ºC to -80ºC for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80ºC (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
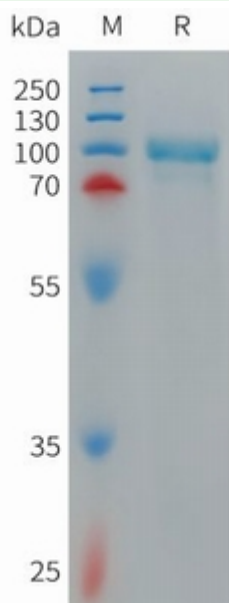
Figure 1. Cynomolgus CD93 Protein, His Tag on SDS-PAGE under reducing condition.