HUMAN CD93 PROTEIN, MFC TAG

Cat.#: 11491

Product Name: Human CD93 Protein

Size : 10 µg, 50 µg and 100 µg

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

Target: CD93

UNIPROT ID: Q9NPY3

Description: Recombinant human CD93 Protein with C-terminal Mouse Fc 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 84.5 kDa after removal of the signal peptide. The apparent molecular mass of CD93-mFc is approximately 100-130 kDa due to glycosylation.

Molecular Characterization: CD93(Thr22-Lys580) mFc(Pro99-Lys330)

Purity: The purity of the protein is greater than 95% 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.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

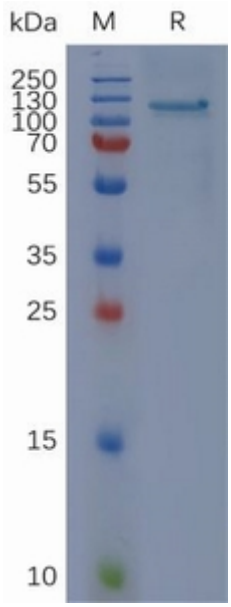

Figure 1. Human CD93, mFc Tag on SDS-PAGE under reducing condition.