HUMAN CD39 PROTEIN, HFC TAG

Cat.#: 11599

Product Name: Human CD39 Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: NTPDase 1;Ecto-ATPDase 1;Ecto-ATPase 1;Ecto-apyrase;ENTPD1

Target: CD39

UNIPROT ID: P49961

Description: Recombinant human CD39 protein with C-terminal human Fc tag

Background: The protein encoded by this gene is a plasma membrane protein that hydrolyzes extracellular ATP and ADP to AMP. Inhibition of this protein's activity may confer anticancer benefits. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 75.9 kDa after removal of the signal peptide. The apparent molecular mass of CD39-hFc is approximately 100-130 kDa due to glycosylation.

Molecular Characterization: CD39(Asn40-Thr476) hFc(Glu99-Ala330)

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.

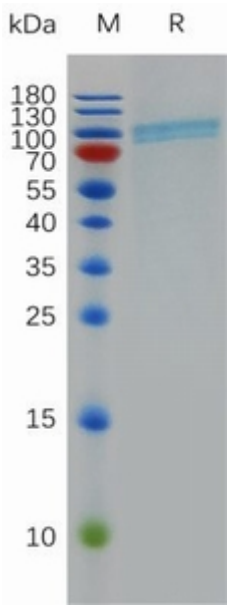

Figure 1. Human CD39 Protein, hFc Tag on SDS-PAGE under reducing condition.