HUMAN ENPP3 PROTEIN, HFC TAG

Cat.#: 11769

Product Name: Human ENPP3 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: CD203c;NPP3;PD-IBETA;PDNP3

Target: ENPP3

UNIPROT ID: O14638

Description: Recombinant Human ENPP3 with N-terminal human Fc tag

Background: The protein encoded by this gene belongs to a series of ectoenzymes that are involved in hydrolysis of extracellular nucleotides. These ectoenzymes possess ATPase and ATP pyrophosphatase activities and are type II transmembrane proteins. Expression of the related rat mRNA has been found in a subset of immature glial cells and in the alimentary tract. The corresponding rat protein has been detected in the pancreas, small intestine, colon, and liver. The human mRNA is expressed in glioma cells, prostate, and uterus. Expression of the human protein has been detected in uterus, basophils, and mast cells. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Oct 2015]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 121.5 kDa after removal of the signal peptide.The apparent molecular mass of hFc-ENPP3 is approximately 100-180 kDa due to glycosylation.

Molecular Characterization: hFc(Glu99-Ala330) ENPP3(Arg46-Ile875)

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.

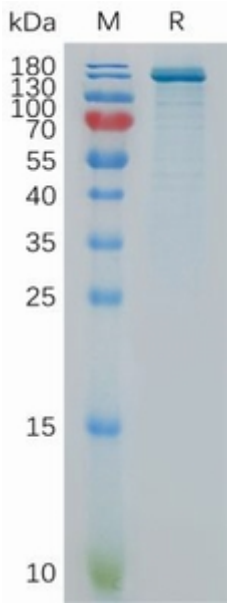

Figure 1. Human ENPP3 Protein, hFc Tag on SDS-PAGE under reducing condition.