HUMAN EMR1 PROTEIN, HFC TAG

Cat.#: 11641

Product Name: Human EMR1 Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: EMR1;TM7LN3

Target: EMR1

UNIPROT ID: Q14246

Description: Recombinant human EMR1 protein with C-terminal human Fc tag

Background: This gene encodes a protein that has a domain resembling seven transmembrane G protein-coupled hormone receptors (7TM receptors) at its C-terminus. The N-terminus of the encoded protein has six EGF-like modules, separated from the transmembrane segments by a serine/threonine-rich domain, a feature reminiscent of mucin-like, single-span, integral membrane glycoproteins with adhesive properties. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 89.21 kDa after removal of the signal peptide.

Molecular Characterization: EMR1(His21-Asp599) 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.