HUMAN TAFA5 PROTEIN, HFC TAG

Cat.#: 11936

Product Name: Human TAFA5 Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: FAM19A5;QLLK5208;TAFA-5;UNQ5208

Target: TAFA5

UNIPROT ID: Q7Z5A7

Description: Recombinant Human TAFA5 Protein with C-terminal human Fc tag

Background: This gene is a member of the TAFA family which is composed of five highly homologous genes that encode small secreted proteins. These proteins contain conserved cysteine residues at fixed positions, and are distantly related to MIP-1alpha, a member of the CC-chemokine family. The TAFA proteins are predominantly expressed in specific regions of the brain, and are postulated to function as brain-specific chemokines or neurokines that act as regulators of immune and nervous cells. [provided by RefSeq, Sep 2013]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 35.9 kDa after removal of the signal peptide. The apparent molecular mass of TAFA5-hFc is approximately 35-55 kDa due to glycosylation.

Molecular Characterization: TAFA5(Thr44-Ser132) 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.

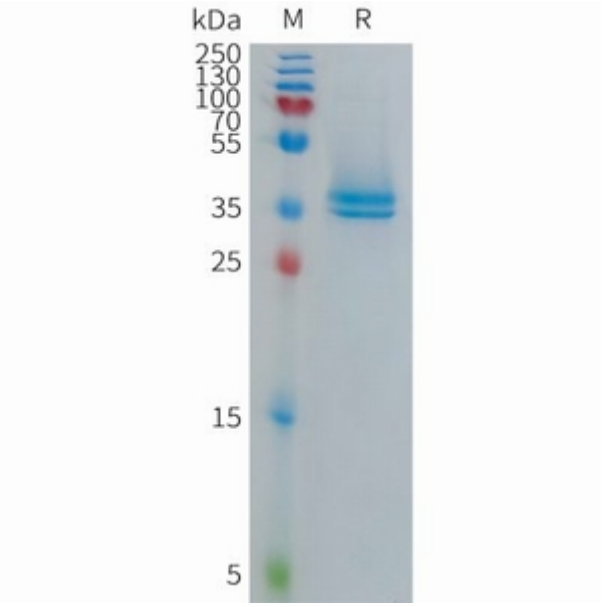

Figure 1.Human TAFA5 Protein, hFc Tag on SDS-PAGE under reducing condition.