

## HUMAN FCMR PROTEIN, HFC TAG

**Cat.#:** 11643

**Product Name:** Human FCMR Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** FAIM3;TOSO

**Target:** FCMR

**UNIPROT ID:** O60667

**Description:** Recombinant human FCMR protein with C-terminal human Fc tag

**Background:** Fc receptors specifically bind to the Fc region of immunoglobulins (Igs) to mediate the unique functions of each Ig class. FAIM3 encodes an Fc receptor for IgM (see MIM 147020) (Kubagawa et al., 2009 [PubMed 19858324]; Shima et al., 2010 [PubMed 20042454]). [supplied by OMIM, Jul 2010]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 51.26 kDa after removal of the signal peptide.

**Molecular Characterization:** FCMR(Arg18-Gly251) 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.