

## HUMAN IGSF11 PROTEIN, HFC TAG

**Cat.#:** 11965

**Product Name:** Human IGSF11 Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** BT-IgSF;CT119;CXADR1;Igsf13;VSIG3

**Target:** IGSF11

**UNIPROT ID:** Q5DX21

**Description:** Recombinant Human IGSF11 Protein with C-terminal human Fc tag

**Background:** IGSF11 is an immunoglobulin (Ig) superfamily member that is preferentially expressed in brain and testis. It shares significant homology with coxsackievirus and adenovirus receptor (CXADR; MIM 602621) and endothelial cell-selective adhesion molecule (ESAM).[supplied by OMIM, Apr 2005]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 49.4 kDa after removal of the signal peptide. The apparent molecular mass of IGSF11-hFc is approximately 55–70 kDa due to glycosylation.

**Molecular Characterization:** IGSF11(Leu23–Gly241) 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 IGSF11 Protein, hFc Tag on SDS-PAGE under reducing condition.