

## HUMAN CLEC4A PROTEIN, HFC TAG

**Cat.#:** 11919

**Product Name:** Human CLEC4A Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** CD367;CLECSF6;DCIR;DDB27;HDCGC13P;hDCIR;LLIR

**Target:** CLEC4A

**UNIPROT ID:** Q9UMR7

**Description:** Recombinant Human CLEC4A Protein with N-terminal human Fc tag

**Background:** This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may play a role in inflammatory and immune response. Multiple transcript variants encoding distinct isoforms have been identified for this gene. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region. [provided by RefSeq, Jul 2008]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 46.0 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CLEC4A is approximately 55-70 kDa due to glycosylation.

**Molecular Characterization:** hFc(Glu99-Ala330) CLEC4A(Gln70-Leu237)

**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 CLEC4A Protein, hFc Tag on SDS-PAGE under reducing condition.