

CYNOMOLGUS CLEC4C PROTEIN, HIS TAG**Cat.#:** 12119**Product Name:** Cynomolgus CLEC4C Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** BDCA-2;BDCA2;CD303;CLECSF7;CLECSF11;DLEC;HECL;PRO34150**Target:** CLEC4C**UNIPROT ID:** A0A2K5UWP4**Description:** Recombinant Cynomolgus CLEC4C protein with N-terminal 6xHis 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 dendritic cell function. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 20.3 kDa after removal of the signal peptide. The apparent molecular mass of His-cCLEC4C is approximately 15–25 kDa due to glycosylation.**Molecular Characterization:** 6×His tag CLEC4C(Tyr48-Ile212)**Purity:** The purity of the protein is greater than 85% 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. Cynomolgus CLEC4C Protein, His Tag on SDS-PAGE under reducing condition.