

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.