

32-18478: Cynomolgus CEACAM5 Protein, His Tag

Uniprot ID : XP_005589491.2

Alternative Name : CEA; CD66e

Description

Description : Recombinant Cynomolgus CEACAM5 protein with C-terminal 10Å—His tag

Background : This gene encodes a cell surface glycoprotein that represents the founding member of the carcinoembryonic antigen (CEA) family of proteins. The encoded protein is used as a clinical biomarker for gastrointestinal cancers and may promote tumor development through its role as a cell adhesion molecule. Additionally, the encoded protein may regulate differentiation, apoptosis, and cell polarity. This gene is present in a CEA family gene cluster on chromosome 19. Alternative splicing results in multiple transcript variants.

Molecular Characterization: mass of 73.0 kDa after removal of the signal peptide.

Tag : C-10Å—His tag

Product Info

Amount : 50 µg / 100 µg

Purification : The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : 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.

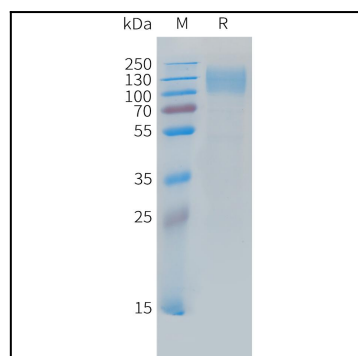


Figure 1. Cynomolgus CEACAM5 Protein, His Tag on SDS-PAGE under reducing condition.