

32-17056: Recombinant human CEACAM5 protein with C-terminal 6 \times His tag

Alternative Name : CEACAM-5,CD66e,CEA,Meconium antigen 100

Description

Expression Host : HEK293

The protein has a predicted molecular mass of 72.2 kDa after removal of the signal peptide. The apparent molecular mass of CEACAM5-His is approximately 100-130 kDa due to glycosylation.

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.

Product Info

Amount :	50 μ g
Purification :	The purity of the protein is greater than 95% 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 -80°C for 12 months (Avoid repeated freezing and thawing)

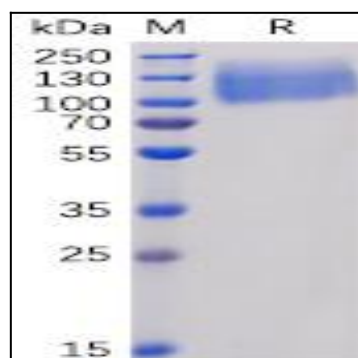


Figure 1. Human CEACAM5 Protein, His Tag on SDS-PAGE under reducing condition.