

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

32-17056: Recombinant human CEACAM5 protein with C-terminal 6Ã-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 μg

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)

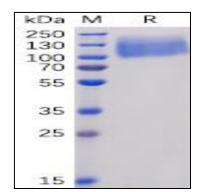


Figure 1. Human CEACAM5 Protein, His Tag on SDS-PAGE under reducing condition.