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## Colon Cancer Secreted Human, Recombinant, *E. coli* Protein-2 (19.3kDa)

**Cat. No.:** RCP9320

**Size:** 10 $\mu$ g

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**Synonym:** CCSP-2, von Willebrand factor A domain-containing protein 2, vWA2, vWA-like domains related to those in matrillin and collagen, AMACO.

**Description:** Colon cancer secreted protein-2 (CCSP-2) is an extracellular matrix protein containing vWA-like domains. The protein consists of a signal peptide sequence, an N-terminal VWA domain connected to two additional tandem vWA domains by a cysteine-rich sequence and an EGF-like domain; another EGF-like domain is located at the C-terminus. Expression of CCSP-2 has recently been shown to be markedly induced in stage II, III and IV colon cancers and colon adenomas and is considered a novel serum marker for the diagnosis of early stage colon cancer.

**RANDOX** recombinant human CCSP-2 comprises a 177aa fragment (341-517) corresponding to a 19.3kDa fragment of the predicted 49.1kDa cleavage product of the mature protein and is expressed in *E. coli* with an N-terminal 6xHis tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

**Form:** Liquid.  
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

**Purity:** Single band on Western blot.

**References:** Sengle, |G *et al.*, *J Biol Chem.* **278 (50)**:50240-50249 (2003).

Xin, B. *et al.*, *Oncogene* **24 (4)**: 724-731 (2005).