

**Recombinant Human CUB domain-containing protein 1 Protein**

**Cat.NO.: TP05327**

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3th Edition

**Synonyms:**CUB domain-containing protein 1;Membrane glycoprotein gp140;Subtractive immunization M plus HEp3-associated 135 kDa protein;SIMA135;Transmembrane and associated with src kinases;CD318;TRASK

**Description:**CUB domain-containing protein 1(CDCP1) is a transmembrane glycoprotein with a large extracellular domain (ECD) containing two CUB domains, and a smaller intracellular domain (ICD) containing five tyrosines. CDCP1 is widely expressed in human epithelial tissues, but its phosphorylation is only seen in mitotically detached or shedding cells, consistent with its role in the negative regulation of cell adhesion. The tyrosine phosphorylation of CDCP1 in cultured cells occurs when cells are induced to detach by trypsin or EDTA, or seen spontaneously during mitotic detachment. The overexpression of CDCP1 leads to the loss of cell adhesion and a detached phenotype.

**Form:**PBS

**Molecular Weight:**36.1 kDa

**Sequences:**Phe30-Ser341

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.