

Datasheet for ABIN7597284

CDCP1 Protein (AA 30-667) (His tag)



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Overview

Quantity:	10 µg
Target:	CDCP1
Protein Characteristics:	AA 30-667
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDCP1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Cynomolgus CDCP1 protein with C-terminal 10xHis tag
Sequence:	CDCP1(Phe30-Thr667) 10xHis tag
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CDCP1
Alternative Name:	CDCP1 (CDCP1 Products)
Background:	<p>CD318, TRASK, SIMA135</p> <p>This gene encodes a transmembrane protein which contains three extracellular CUB domains and acts as a substrate for Src family kinases. The protein plays a role in the tyrosine phosphorylation-dependent regulation of cellular events that are involved in tumor invasion and</p>

Target Details

	metastasis. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, May 2013]
Molecular Weight:	predicted molecular mass of 73.4 kDa after removal of the signal peptide. The apparent molecular mass of cCDCP1-His is 100-130 kDa due to glycosylation.
NCBI Accession:	XP_005546930

Application Details

Application Notes:	Extracellular Domain Proteins (ECD) can be used as: <ul style="list-style-type: none">• Immunogens for antibody drug development• Reagents used for CAR-T positive cell monitoring• Reagents for antibody screening and functional testing• Reagents for antibody affinity measurement
Comment:	The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.
Storage:	-20 °C, -80 °C
Storage Comment:	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.
Expiry Date:	12 months