



# Human Anti-Human ICOS (vopratelimab biosimilar) Monoclonal antibody, clone vopratelimab (CABT-CS362)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	ICOS
<b>Target</b>	ICOS
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Humanized
<b>Species Reactivity</b>	Human
<b>Clone</b>	vopratelimab
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA, FC
<b>Reconstitution</b>	Reconstitute with deionized water
<b>Format</b>	Powder
<b>Size</b>	50 µg, 100 µg
<b>Buffer</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
<b>Preservative</b>	0.1% Procline 300

**Storage**

Store at -20°C (Avoid repeated freezing and thawing)

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## BACKGROUND

**Introduction**

CD278 belongs to the CD28 and CTLA-4 cell-surface receptor family and is highly expressed in activated T-cells. It is essential both for efficient interaction between T and B-cells and for normal antibody responses to T-cell dependent antigens. It enhances all basic T-cell responses to a foreign antigen, namely proliferation, secretion of lymphokines, up-regulation of molecules that mediate cell-cell interaction, and effective help for antibody secretion by B-cells.

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**Keywords**

ICOS; CD278; AILIM; Inducible T-cell costimulator

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## GENE INFORMATION

**Entrez Gene ID**

29851

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