

## 32-17026: Recombinant human ICOS protein with C-terminal mouse Fc and 6 $\times$ His tag

**Alternative Name :** ICOS, CD278, AILIM, Inducible T-cell costimulator

### Description

Expression Host : HEK293

The protein has a predicted molecular mass of 41.1 kDa after removal of the signal peptide.

The protein encoded by this gene belongs to the CD28 and CTLA-4 cell-surface receptor family. It forms homodimers and plays an important role in cell-cell signaling, immune responses, and regulation of cell proliferation.

### Product Info

<b>Amount :</b>	50 $\mu$ g
<b>Purification :</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Content :</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
<b>Storage condition :</b>	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

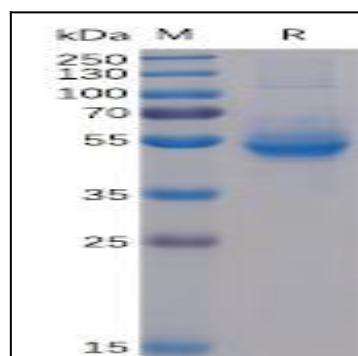


Figure 1. Human ICOS Protein, mFc-His Tag on SDS-PAGE under reducing condition.

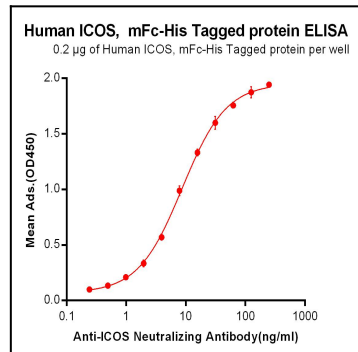


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ l/well) Human ICOS, mFc-His tagged protein can bind Anti-ICOS Neutralizing antibody (in a linear range of 0.24-31.25ng/ml).