

## 32-17435: Recombinant human CD43 protein with C-terminal human Fc tag

**Alternative Name :** CD43; GALGP; GPL115; LSN

### Description

Expression Host : HEK293

The protein has a predicted molecular mass of 51.26 kDa after removal of the signal peptide.

This gene encodes a highly sialylated glycoprotein that functions in antigen-specific activation of T cells, and is found on the surface of thymocytes, T lymphocytes, monocytes, granulocytes, and some B lymphocytes. It contains a mucin-like extracellular domain, a transmembrane region and a carboxy-terminal intracellular region. The extracellular domain has a high proportion of serine and threonine residues, allowing extensive O-glycosylation, and has one potential N-glycosylation site, while the carboxy-terminal region has potential phosphorylation sites that may mediate transduction of activation signals. Different glycoforms of this protein have been described. In stimulated immune cells, proteolytic cleavage of the extracellular domain occurs in some cell types, releasing a soluble extracellular fragment. Defects in expression of this gene are associated with Wiskott-Aldrich syndrome.

### Product Info

<b>Amount :</b>	50 µg
<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)

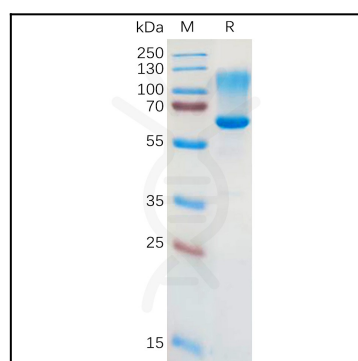


Figure 1: Human CD43 Protein, hFc Tag on SDS-PAGE under reducing condition.

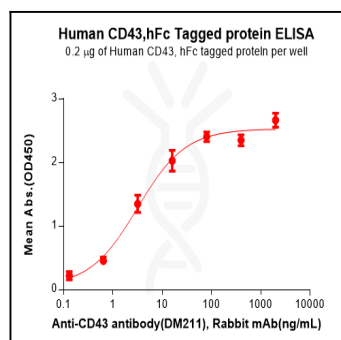


Figure 2: ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD43 Protein, hFc Tag can bind Anti-CD43 antibody (DM211), Rabbit mAb in a linear range of 0.64-16 ng/mL.