

## **PRODUCT INFORMATION**

**Target** CD43

LSN; CD43; GALGP; GPL115; LEU-22 **Synonyms** 

Recombinant human CD43 Protein with C-Description

terminal 10×His tag

**Delivery** In Stock **Uniprot ID** P16150 **Expression Host HEK293** 

Tag C-10×His tag

Molecular

**Purity** 

CD43(Ser20-Arg253) 10×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 24.8 kDa after removal of the signal peptide.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. 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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

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 **Background** 

carboxy-terminal region has potential phosphorylation sites that may mediate transduction of activation signals. Different glycoforms of this protein have been described. In štimulated immunė 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. [provided by

RefSeq, Sep 2017]

**Usage** Research use only

Conjugate Unconjugated

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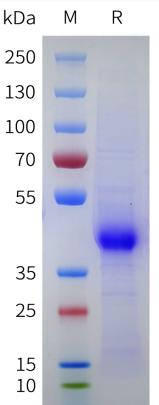


Figure 1. Human CD43 Protein, His Tag on SDS-PAGE under reducing condition.

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