

**PRODUCT INFORMATION**

<b>Target</b>	CD43
<b>Synonyms</b>	LSN; CD43; GALGP; GPL115; LEU-22
<b>Description</b>	Recombinant human CD43 Protein with C-terminal 10×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P16150
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-10×His tag
<b>Molecular Characterization</b>	CD43(Ser20-Arg253) 10×His tag
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 24.8 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	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.
<b>Background</b>	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. [provided by RefSeq, Sep 2017]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



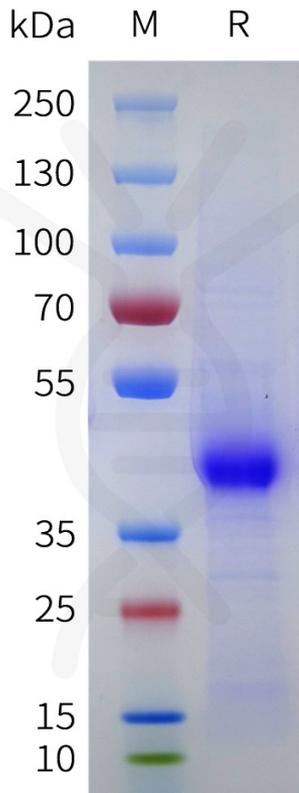


Figure 1. Human CD43 Protein, His Tag on SDS-PAGE under reducing condition.

