

Datasheet for ABIN6964395

**CD43 Protein (Fc Tag)****1** Image[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CD43 (SPN)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD43 protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant Human CD43 Protein with C-terminal human Fc tag
Specificity:	CD43 (Ser20-Arg253) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	CD43 (SPN)
Alternative Name:	CD43 ( <a href="#">SPN Products</a> )
Background:	Synonyms: CD43, GALGP, GPL115, LSN Description: 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,

## Target Details

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]

**Molecular Weight:** predicted molecular mass of 49.6 kDa after removal of the signal peptide. The apparent molecular mass of CD43-hFc is 55-130 kDa due to glycosylation.

**UniProt:** [P16150](#)

**Pathways:** [Regulation of Leukocyte Mediated Immunity](#)

## Application Details

**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

**Reconstitution:** Reconstitute with deionized water

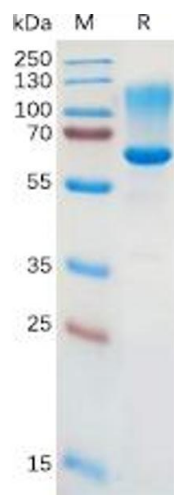
**Buffer:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

**Preservative:** Without preservative

**Storage:** -20 °C, -80 °C

**Storage Comment:** 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.

**Expiry Date:** 12 months



SDS-PAGE

**Image 1.** Human CD43 Protein, hFc Tag on SDS-PAGE under reducing condition.