

**PRODUCT INFORMATION**

<b>Target</b>	CLEC7A
<b>Synonyms</b>	BGR; CD369; CANDF4; SCARE2; DECTIN1; CLECSF12
<b>Description</b>	Recombinant human CLEC7A Protein with N-terminal human Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q9BXN2
<b>Expression Host</b>	HEK293
<b>Tag</b>	N-Human Fc tag
<b>Molecular Characterization</b>	hFc(Glu99-Ala330) CLEC7A(Thr66-Met247)
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 46.7 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CLEC7A is approximately 35-70 kDa due to glycosylation.
<b>Purity</b>	The purity of the protein is greater than 95% 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>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Background</b>	This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. The encoded glycoprotein is a small type II membrane receptor with an extracellular C-type lectin-like domain fold and a cytoplasmic domain with an immunoreceptor tyrosine-based activation motif. It functions as a pattern-recognition receptor that recognizes a variety of beta-1,3-linked and beta-1,6-linked glucans from fungi and plants, and in this way plays a role in innate immune response. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region. [provided by RefSeq, Jul 2008]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



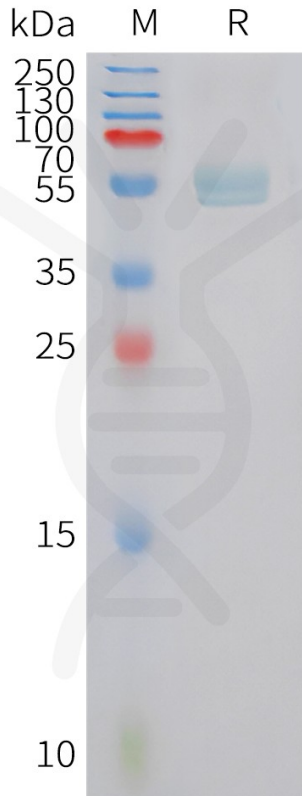


Figure 1. Human CLEC7A Protein, hFc Tag on SDS-PAGE under reducing condition.

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