PRODUCT INFORMATION

Target	CLEC7A
Synonyms	BGR; CD369; CANDF4; SCARE2; DECTIN1; CLECSF12
Description	Recombinant human CLEC7A Protein with N-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9BXN2
Expression Host	HEK293
Tag	N-Human Fc tag
Molecular Characterization	hFc(Glu99-Ala330) CLEC7A(Thr66-Met247)
Molecular Weight	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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	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.
Storage&Shipping	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.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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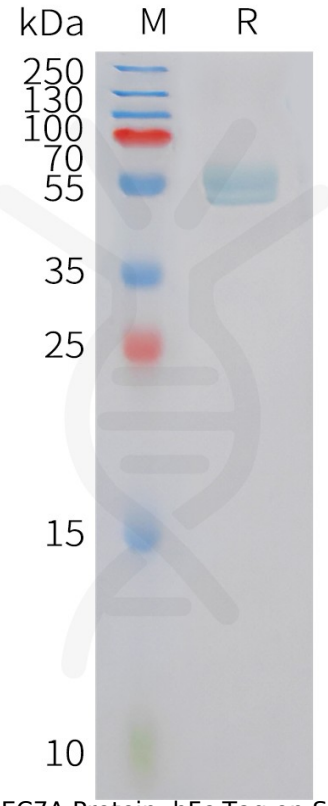

Figure 1. Human CLEC7A Protein, hFc Tag on SDS-PAGE under reducing condition.

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