

# Recombinant Full Length Human CLEC7A Protein, GST-tagged

Cat. No. CLEC7A-2172HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CLEC7A full-length ORF ( AAH13385, 1 a.a. - 77 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	77 amino acids
<b>Description</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>Molecular Mass</b>	34.21 kDa
<b>AA Sequence</b>	MEYHPDLENLDEDGYTQLHFDSQSNTRIAVVSEKGS CAASPPWRLIAVILGILCLVILV IAVVLGTMAGFKAVEFKG

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CLEC7A C-type lectin domain family 7, member A [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">CLEC7A</a>
<b>Synonyms</b>	CLEC7A; C-type lectin domain family 7, member A; C type (calcium dependent, carbohydrate recognition domain) lectin, superfamily member 12 , CLECSF12; C-type lectin domain family 7 member A; dectin 1; hDectin 1; dectin-1; beta-glucan receptor; lectin-like receptor 1; DC-associated C-type lectin 1; C-type lectin superfamily member 12; dendritic cell-associated C-type lectin 1; dendritic cell-associated C-type lectin-1; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 12; BGR; CANDF4; DECTIN1; CLECSF12
<b>Gene ID</b>	<a href="#">64581</a>
<b>mRNA Refseq</b>	<a href="#">NM_022570</a>
<b>Protein Refseq</b>	<a href="#">NP_072092</a>

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<b>MIM</b>	606264
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<b>UniProt ID</b>	Q9BXN2
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