

Active Recombinant Human CLEC7A Protein, His-tagged

Cat. No. CLEC7A-746H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLEC7A (Accession # NP_072092) Thr66-Met201, fused with an N-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Thr66-Met201
Predicted N Terminal	His
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to bind biotinylated Laminarin (1, 3-beta -glucan) in a functional ELISA with an estimated KD < 5 nM.
Molecular Mass	Recombinant Human CLEC7A, His-tagged has a calculated MW of 16.8 kDa.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).
Reconstitution	Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% human or bovine

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

serum albumin.

GENE INFORMATION

Gene Name [CLEC7A C-type lectin domain family 7, member A \[Homo sapiens \]](#)

Official Symbol CLEC7A

Synonyms

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;

Gene ID [64581](#)

mRNA Refseq [NM_022570](#)

Protein Refseq [NP_072092](#)

MIM [606264](#)

UniProt ID Q9BXN2

Chromosome Location 12p13.2-p12.3

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