

Product datasheet for **TP727831**

Dectin 1 (CLEC7A) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Dectin-1 (N-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Thr66-Met247
Tag:	N-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Human C-type lectin domain family 7 member A is produced by our Mammalian expression system and the target gene encoding Thr66-Met247 is expressed with a Fc tag at the N-terminus.
Stability:	12 months from date of despatch
Locus ID:	64581
UniProt ID:	Q9BXN2
Summary:	Dectin-1 was recently identified as the most important receptor for beta-glucan. It is a type II transmembrane protein which binds beta-1,3 and beta-1,6 glucans, and is expressed on most cells of the innate immune system and has been implicated in phagocytosis as well as killing of fungi by macrophages, neutrophils and dendritic cells. Recognition of beta-glucan by dectin-1 triggers effective immune response, including phagocytosis and proinflammatory factor production, to eliminate infecting fungi, which especially benefits immunocompromised patients against opportunistic fungal infection.



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