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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Recombinant Human Dectin-1/CLEC7A Protein (Fc Tag)

Catalog No. PKSH033706

Description

Synonyms	Beta-glucan receptor; BGR; CD369; CLEC7A; CLECSF12; CLECSF12DC-associated C-type lectin 1;Dectin1; Dectin-1; DECTIN1CANDF4;CANDF4;DECTIN1
Species	Human
Expression_host	Human Cells
Sequence	Thr66-Met247
Accession	Q9BXN2
Mol_Mass	46.9 kDa
AP_Mol_Mass	50-65 kDa
Tag	N-Fc

Properties

Purity	> 85% as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg as determined by the LAL method.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7°C for 2-7 days.Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS,pH 7.4.
Reconstitution	Please refer to the printed manual for detailed information.

Background

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.

SDS-PAGE

