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Datasheet for ABIN2745633

CLEC7A Protein (AA 72-244) (Fc Tag)

Overview

Quantity:	50 µg
Target:	CLEC7A
Protein Characteristics:	AA 72-244
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLEC7A protein is labelled with Fc Tag.
Application:	SDS-PAGE (SDS)

Product Details

Cross-Reactivity:	Mouse (Murine)
Characteristics:	Mouse dectin-1 (aa 72-244) is fused at the C-terminus to the Fc portion of human IgG1.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test, Lonza).

Target Details

Target:	CLEC7A
Alternative Name:	Dectin-1 (CLEC7A Products)
Background:	Dectin-1 and dectin-2 are type II transmembrane proteins of the C-type lectin family. They contain single carbohydrate recognition domains (CRDs) in their extracellular region. Dectin-1

Target Details

and dectin-2 are expressed in macrophages and dendritic cells. Dectin-1 recognizes beta-glucans with its CRD and signals through its immunoreceptor tyrosine-based activation motif (ITAM)-like motif in the cytoplasmic domain, whereas dectin-2 recognizes alpha-mannans and transduces its signal through association with the ITAM-containing Fc receptor gamma-chain.

Molecular Weight: ~56kDa (SDS-PAGE)

UniProt: [Q6QLQ4](#)

Pathways: [Activation of Innate immune Response](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with 50 µL sterile water.

Concentration: Lot specific

Buffer: Lyophilized. Contains PBS.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Stable for at least 6 months after receipt when stored at -20°C.

Expiry Date: 6 months