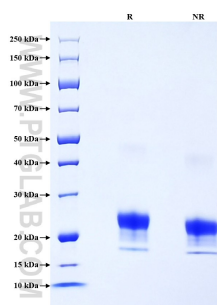


Recombinant Human CLEC4D protein (His Tag)

Catalog Number: Eg1348

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: His Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/ µg protein, LAL method Source: HEK293-derived Human CLEC4D protein Gly52-Asn215 (Accession# Q8WXI8) with a His tag at the N-terminus. GeneID: 338339 Accession: Q8WXI8 Predicted Molecular Mass: 20.2 kDa SDS-PAGE: 23-26 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	CLEC4D, also called macrophage C - type lectin (MCL), Dectin - 3, CLEC6, CLECSF8, is a member of the Dectin - 2 cluster of CTLRs, which also includes the related receptors Mincle and Dectin - 2. CLECSF8 is primarily expressed by peripheral blood neutrophils and monocytes and weakly by several subsets of peripheral blood dendritic cells. CLECSF8 can associate with FcR γ chain to trigger intracellular signaling, inducing phagocytosis, the respiratory burst, and the release of proinflammatory cytokines.		
References	1. Kerscher B. et al. (2016). Eur J Immunol. 46(2):381-9. 2. Graham LM. et al. (2012). J Biol Chem. 287(31):25964-74. 3. Miyake Y. et al. (2013). Immunity. 38(5):1050-62. 4. Wilson GJ. et al. (2015). Cell Host Microbe. 17(2):252-9.		
Synonyms	C type lectin like receptor 6, CD368, CLEC 6, CLEC6, CLEC-6		

Selected Validation Data



Purity of Recombinant Human CLEC4D was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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