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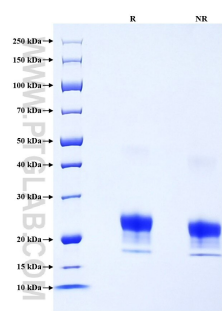
Recombinant Human CLEC4D protein (His Tag)



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