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Product Datasheet

Recombinant Human CLEC10A (C-6His) EBT-EPT070

Article Name	Recombinant Human CLEC10A (C-6His)
Biozol Catalog Number	EBT-EPT070
Supplier Catalog Number	EPT070
Alternative Catalog Number	EBT-EPT070-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human C-Type Lectin Domain Family 10 Member A is produced by our Mammalian expression system and the target gene encoding Gln61-His316 is expressed with a 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 29.8 KDa. Apparent molecular weight: 40 KDa, reducing conditions
UniProt	Q8IUN9
Purity	Greater than 90% as determined by reducing SDS-PAGE.

Application Notes	Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: C-Type Lectin Domain Family 10 Member A (CLEC10A) is a type II transmembrane C-type lectin that is expressed on immature myeloid dendritic cells and alternatively activated (tolerogenic) macrophages. CLEC10A/MGL binds and internalizes molecules with terminal nonsialylated GalNAc carbohydrates such as the Tn carcinoma antigen. CLEC10A/MGL also binds the GP envelope glycoprotein on Marburg and Ebola viruses and enhances viral entry and infectivity. It constitute a unique class of C-type lectins because of their specificity for galactose and its structural homologues. CLEC10A is thought to participate in the recognition of molecules from both altered self and pathogens due to its monosaccharide specificity for Gal and N-acetylgalactosamine (GalNAc). Human and rat carry a single gene for CLEC10A/MGL, while mouse has two closely related MGL1 and MGL2 genes
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