

Recombinant Rat CLEC5A / MDL1 / MDL-1 Protein (His tag)

Cat.NO.: TP07005

3th Edition

Synonyms:CLEC5A

Description:CLEC5A, also known as MDL1 and MDL-1, is a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. CLEC5A with dnax-activation protein 12 and may play a role in cell activation. It also functions as a positive regulator of osteoclastogenesis. CLEC5A acts as a key regulator of synovial injury and bone erosion during autoimmune joint inflammation. The binding of dengue virus to CLEC5A triggers signaling through the phosphorylation of TYROBP, this interaction does not result in viral entry, but stimulates proinflammatory cytokine release.

Form:PBS

Molecular Weight:20.6 kDa

Sequences:Val30-Lys190

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.