
CLEC10A, 61-292aa, Human, His-tag, Baculovirus

Cat.NO.: TP01637

3th Edition

Synonyms:C-type lectin domain family 10 member A isoform 2, CLEC10A, CD301, CLECSF13, CLECSF14, HML, HML2, MGL

Description:CLEC10A, also known as C-type lectin domain family 10 member A isoform 2, is a C-type lectin superfamily member 14. It is expressed on immature myeloid dendritic cells and alternatively activated macrophages. This protein roles in regulating adaptive and innate immune responses. Also, it binds in a calcium-dependent manner to terminal galactose and N-acetylgalactosamine, linked to serine or threonine. Recombinant human CLEC10A, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4).

Molecular Weight:27.3kDa (241aa), 28-40kDa (SDS-PAGE under reducing conditions.)

Sequences:

ADPQNSKFQRDLVTLRTDFSNFTSNTVAEIQALTSQGSSLEETIASLKAVEGFKQERQAVHSEMLLRVQQLVQDL
KKLTCQVATLNNNGEEASTEGTCCPVNWVEHQDSCYWFSHSGMSWAEAEKYCQLKNAHLVVINSREEQNFVQKY
LGSAYTWMGLSDPEGAWKWVDGTDYATGFQNWKPGQPDDWQGHGLGGGEDCAHFHPDGRWNDDVCQRPYH
WVCEAGLGQTSQESHHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

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.