

CLEC2B, 26-149aa, Human, His tag, E.coli

Cat.NO.: TP01640

3th Edition

Synonyms:C-type lectin domain family 2 member B, AICL, CLECSF2, HP10085, IFNRG1

Description:CLEC2B 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. The type 2 transmembrane protein may function as a cell activation antigen. An alternative splice variant has been described but its full-length sequence has not been determined. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region. Recombinant human CLEC2B protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2M UREA, 10% glycerol

Molecular Weight:16.9kDa (147aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSKLTRDSQSLCPYDWIGFQNKCYYSKEEGDWNSSKYNCSAQHADLTIIDNIE
EMNFLRRYKCSSDHWIGLKMAKNRTGQWVDGATFTKSFSGMRGSEGCAYLSDDGAATARCYTERKWICKRIH

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

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.