

CLEC1B, 55-229aa, Human, His tag, E.coli

Cat.NO.: TP01638

3th Edition

Synonyms:C-type lectin domain family 1 member B isoform a, 810061I13Rik, CLEC2, CLEC2B, PRO1384

Description:CLEC1B also known as C-type lectin domain family 1 member B. Natural killer (NK) cells express multiple calcium-dependent (C-type) lectin-like receptors, such as CD94 (KLRD1; MIM 602894) and NKG2D (KLRC4; MIM 602893), that interact with major histocompatibility complex class I molecules and either inhibit or activate cytotoxicity and cytokine secretion. CLEC2 is a C-type lectin-like receptor expressed in myeloid cells and NK cells. Recombinant human CLEC1B, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris 8.0 containing 10% glycerol

Molecular Weight:23.1kDa (198aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSSVMQRNYLQGENENRTGTLQQLAKRFCQYVVKQSELKGTFFKGHKCSPCDT
NWRYYGDSCYGFRRHNLTWEEKQYCTDMNATLLKIDNRNIVEYIKARTHLIRWVGLSRQKSNEVWKWEDGSVIS
ENMFEFLEDGKGNMNCAYFHNGKMHPTFCENKHYLMCERKAGMTKVDQLP

Purity:> 95% by HPLC

Concentration:1mg/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.