
Product Data Sheet

Product Name: CLEC1B Human, Sf9
 Cat. No.: GP23168
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	C-Type Lectin Domain Family 1 Member B; C-Type Lectin-Like Receptor 2; CLEC-2; CLEC2; C-Type Lectin Domain Family 1; Member B; 1810061I13Rik; PRO1384; QDED721; CLEC2B; C-type lectin domain family 1 member B; C-type lectin-like receptor 2.		
Amino Acid Sequence	ADPSVMQRNYLQGENENRTG TLQQLAKRFC QYVVKQSELK GTFKGHKCSP CDTNWRYYGD SCYGFFRHNL TWEESKQYCTDMNATLLKID NRNIVEYIKA RTHLIRWVGL SRQKSNEVWK WEDGSVISEN MFEFLEDGKG NMNCAYFHNGKMHPTFCENK HYLMCERKAG MTKVDQLPHH HHHH.		
Formulation	CLEC1B protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

Introduction

C-type Lectin Domain Family 1 Member B, also known as CLEC1B. NK-Natural killer cells express multiple calcium-dependent (C-type) lectin-like receptors, for instance CD94 (KLRD1; MIM 602894) and NKG2D (KLRC4; MIM 602893), which interact with major histocompatibility complex class I molecules and either inhibit or else activate cytotoxicity and cytokine secretion. CLEC1B is a C-type lectin-like receptor which is expressed in myeloid cells as well as in NK cells.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

CLEC1B Human Recombinant produced in Sf9 Baculovirus cells is a single, non-

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glycosylated polypeptide chain containing 184 amino acids (55-229a.a) and having a molecular mass of 21.8kD (Molecular size on SDS-PAGE will appear at approximately 28-57kDa).CLEC1B is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

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