
Product Data Sheet

Product Name: CLEC2B Human
 Cat. No.: GP23169
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	C-type lectin domain family 2 member B; Activation-induced C-type lectin; C-type lectin superfamily member 2; IFN-alpha-2b-inducing-related protein 1; CLEC2B; AICL; CLECSF2; IFNRG1; HP10085.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSKLTRDSQ SLCPYDWIGF QNKCYYSKE EGDWNSSKYN CSTQHADLTI IDNIEEMNFL RRYKCSSDHW IGLKMAKNRT GQWVDGATFT KSGMARGSEG CAYLSDDGAA TARCYTERKW ICRKRIH.		
Formulation	CLEC2B protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2M UREA and 10% glycerol.		

Introduction

C-type Lectin Domain Family 2, Member B (CLEC2B) belongs to the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of the CTL/CTLD family share a common protein fold and have various functions, such as cell adhesion, cell-cell signaling, glycoprotein turnover, and roles in inflammation and immune response. The CLEC2B gene is closely connected to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region. CLEC2B is expressed preferentially in lymphoid tissues, and in most hematopoietic cell types.

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

CLEC2B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 147 amino acids (26-149 a.a) and having a molecular mass

Caution: Product has not been fully validated for medical applications. For research use only.

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of 16.9kDa. CLEC2B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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