
Product Data Sheet

Product Name: CLEC4E Human
 Cat. No.: GP23171
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	C-TypeLectin Domain Family 4; Member E; MINCLE; C-Type (Calcium Dependent;Carbohydrate-Recognition Domain) Lectin; Superfamily Member 9; Macrophage-InducibleC-Type Lectin; C-Type Lectin Superfamily Member 9; CLECSF9; C-Type LectinDomain Family 4 Member E; C-type lectin domain family 4 member E.		
Amino Acid Sequence	MGSSHHHHHSSGLVPRGSH MRCVVTFRIFQTCDEKKFQL PENFTELSY NYGSGSVKNC CPLNWEYFQS SCYFFSTDTI SWALSLKNCS AMGAHLVVINSQEEQEFLSY KPKMREFFI GLSDQVVEGQ WQWVDGTPLT KSLSFWDVGE PNNIATLEDC ATMRDSSNPRQNWNDVTCFL NYFRICEMVG INPLNKGKSL.		
Formulation	CLEC4Eprotein solution (0.25mg/ml) containing 20mM Tris 8.0 and 10% glycerol.		

Introduction

C-type lectin domain family 4, member E, also known as CLEC4E is a C-type lectin receptor expressed through a wide range of antigens which presents cells including macrophages, neutrophils, dendritic cells as well as B cells; Furthermore, a variety of stimuli including stress are acknowledged to induce the expression of CLEC4E.

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

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

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CLEC4E Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 200 amino acids (41-219 a.a) and having a molecular mass of 22.9kDa. CLEC4E is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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