Recombinant Human IL36G/IL1F9 Protein (aa 18-169)

Catalog No. PKSH031851

Note: Centrifuge before opening to ensure complete recovery of vial contents.

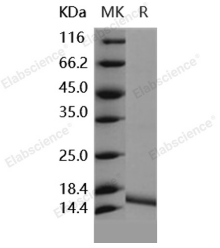
Description

Synonyms	Interleukin-36 gamma;IL36G;IL-1-related protein 2;IL-1RP2;IL-1 epsilon;IL-1F9;Interleukin-1 homolog 1;IL-1H1;IL1E;IL1F9;IL1H1;IL1RP2
Species	Human
Expression Host	E.coli
Sequence	Ser18-Asp169
Accession	NP_062564
Calculated Molecular Weight	17 kDa
Observed molecular weight	16 kDa
Tag	None
Bioactivity	Not validated for activity

Properties

Purity	> 96 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



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Background

Junctional adhesion molecules (JAMs) are endothelial and epithelial adhesion molecules involved in the recruitment of

circulating leukocytes to inflammatory sites. JAML (Junctional adhesion molecule-like); also known as AMICA1 (Adhesion molecule interacting with CXADR antigen 1); a protein related to the JAM family; is restricted to leukocytes and promotes their adhesion to endothelial cells. It contains 2 extracellular immunoglobulin-like domains; a transmembrane segment; and a cytoplasmic tail involved in activation signaling. Monocytic JAML/AMICA1 plays a critical role in regulating monocyte transendothelial migration (TEM) probably via binding to the endothelial coxsackie and adenovirus receptor (CAR) and other tight junction-associated adhesive molecules. The Expression of JAML/AMICA1 is restricted to the hematopoietic tissues with the exception of liver. JAML may function in transmigration of leukocytes through epithelial and endothelial tissues. Expressed at the plasma membrane of polymorphonuclear leukocytes; JAML/AMICA1 also enhances myeloid leukemia cell adhesion to endothelial cells.