Recombinant Human CLEC4E Protein (Arg41-Leu219), N-hFc-tagged

Product Information

Cat	*IMP-10216*
Official Symbol	*CLEC4E*
Product Overview	*Recombinant human CLEC4E protein (Arg41-Leu219) with a Human IgG1 (Pro100-Lys330) Fc tag at N-terminus was expressed in Chinese Hamster Ovary cell line.*
Description	*This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type II transmembrane protein is a downstream target of CCAAT/enhancer binding protein (C/EBP), beta (CEBPB) and may play a role in inflammation. Alternative splice variants have been described but their full-length sequence has not been determined. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region.*
Expression System	*CHO*
Species	*Human*
Tag	*N-hFc*
Predicted N Terminal	*Met*
Form	*Lyophilized from a 0.2 μm filtered solution in PBS.*
Molecular Mass	*Predicted Molecular Mass: 47 kDa SDS-PAGE: 54-64 kDa, reducing conditions*
Protein length	*Arg41-Leu219*
Bio-activity	*Measured by its binding ability in a functional ELISA. When Trehalose 6, 6'-Dimycolate is immobilized at 1 μg/mL (100 μL/well), the concentration of Recombinant Human CLEC4E Fc Chimera that produces 50% of the optimal binding response is approximately 0.05-0.3 μg/mL.*
Endotoxin	
Purity	*>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.*
Notes	*Disulfide-linked homodimer*
Storage	*Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12*

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months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Reconstitution

Reconstitute at 500 µg/mL in PBS.

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