

Recombinant human AICL/CLEC2B protein

Catalog Number: ATGP3797

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

26-149aa

UniProt No.

Q92478

NCBI Accession No.

NP_005118

Alternative Names

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, AICL, CLECSF2, IFNRG1, HP10085IFNRG1

PRODUCT SPECIFICATION

Molecular Weight

41.7 kDa (366aa)

Concentration

0.25mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

hIgG-His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

CLEC2B, also known as C-type lectin domain family 2 member B, is a type-2 transmembrane member of the C-type lectin-like receptor (CLR) family. They play diverse functions, such as cell adhesion, cell-cell signaling, glycoprotein turnover, and roles in inflammation and immune response. This protein may function as a cell

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activation antigen. It has variant roles such as activating receptor that triggers TNF production, NK cell mediated lysis and interactions between activated and resting NK cells. Recombinant human CLEC2B protein, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

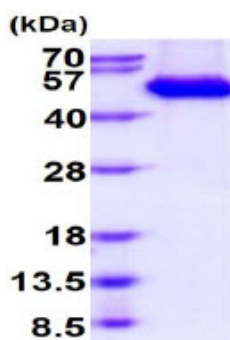
ADPKLTRDSQ SLCPYDWIGF QNKCYFSKE EGDWNSSKYN CSTQHADLTI IDNIEEMNFL RRYKCSSDHW IGLKMAKNRT
GQWVDGATFT KSFGMRGSEG CAYLSDDGAA TARCYTERKW ICRKRIHLEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP
KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLNQDQWLNGK EYKCKVSNKA
LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE LTKNQVSLTLC LVKGFYPSDI AVEWESNGQP ENNYKTTTPV LDSDGSFFLY
SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK HHHHHH

General References

Pollitt AY., et al, (2010) Blood. 115:2938-2946.
Hughes CE., et al, (2013) J Biol Chem. 288:5127-5135.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)