NKMAXBIO We support you, we believe in your research

Recombinant human CRTAM protein

Catalog Number: ATGP3216

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

18-287aa

UniProt No.

095727

NCBI Accession No.

NP 062550

Alternative Names

CRTAM, CD355

PRODUCT SPECIFICATION

Molecular Weight

31kDa (278aa)

Concentration

1mg/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

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

CRTAM, also known as cytotoxic and regulatory T-cell molecule, is a member of the immunoglobulin superfamily that complies with the structural characteristics of the JAM family of proteins and is phylogenetically more closely related to nectin-like proteins. It is a molecule involved in epithelial cell adhesion. This protein interacts with CADM1 promotes natural killer (NK) cell cytotoxicity and interferon-gamma (IFN-gamma) secretion by CD8+



NKMAXBio We support you, we believe in your research

Recombinant human CRTAM protein

Catalog Number: ATGP3216

cells in vitro as well as NK cell-mediated rejection of tumors expressing CADM3 in vivo. Recombinant human CRTAM, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

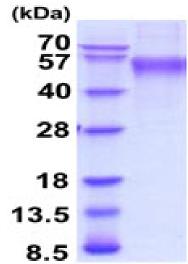
SLTNHTETIT VEEGQTLTLK CVTSLRKNSS LQWLTPSGFT IFLNEYPALK NSKYQLLHHS ANQLSITVPN VTLQDEGVYK CLHYSDSVST KEVKVIVLAT PFKPILEASV IRKQNGEEHV VLMCSTMRSK PPPQITWLLG NSMEVSGGTL HEFETDGKKC NTTSTLIIHT YGKNSTVDCI IRHRGLQGRK LVAPFRFEDL VTDEETASDA LERNSLSSQD PQQPTSTVSV TEDSSTSEID KEEKEQTTQD PDLTTEANPQ YLGLARKKSG LEHHHHHH

General References

Kennedy J., et al. (2000) J. Leukoc. Biol. 67:725-734. Boles K.S., et al. (2005) Blood 106:779-786.

DATA





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

15% SDS-PAGE (3ug)