

AR51971PU-S**Human CRTAM (18-287, His-tag) - Purified****Alternate names:**

Class-I MHC-restricted T-cell-associated molecule, Cytotoxic and regulatory T-cell molecule

Quantity:

50 µg

Concentration:

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

Background:

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 tural killer (NK) cell cytotoxicity and interferon-gamma (IFN-gamma) secretion by CD8+ cells in vitro as well as NK cell-mediated rejection of tumors expressing CADM3 in vivo. Recombint human CRTAM, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventiol chromatography techniques.

Uniprot ID:

[O95727](#)

NCBI:

[NP_062550](#)

GenelD:

[56253](#)

Species:

Human

Source:

Insect cells

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Endotoxin Level: < 1.0 EU per 1 microgram of protein (determined by LAL method)

Description:**AA Sequence:**

SLTNHTEIT VEEGQTLTLK CVTSLRKNS LQWLTPSGFT IFLNEYPAK NSKYQLLHHS
ANQLSITVPN VTLQDEGVYK CLHYSDSVST KEVKVIVLAT PFKPILEASV IRKQNGEEHV
VLMCSTMRK PPPQITWLLG NSMEVSGGTL HEFETDGKCC NTTSTLIHT YGKNSTVDCI
IRHRGLQGRK LVAPFRFEDL VTDEETASDA LERNLSSQD PQQPTSTVSV TEDSSTSEID
KEEKEQTTQD PDLTTEANPQ YLGLARKKSG LEHHHHHH

Molecular weight: 31.0 kDa (278aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

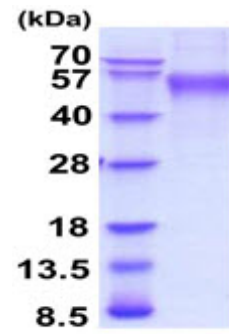
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

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

Pictures:



15% SDS-PAGE (3ug)