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Cytotoxic and regulatory T-cell molecule, 18-287aa, Human, His tag, Insect cell

产品货号: TP01826

第三版

别名: CRTAM, CD355

**描述:** 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+ 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.

**配方:** Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**分子量:** 31.0kDa (278aa) 40-57KDa (SDS-PAGE under reducing conditions.)

**序列:**

SLTNHTETITVEEGQTLTLKCVTSLRKNSSLQWLTPSGFTIFLNEYPAKNSKYQLLHHSANQLSITVPNVTLQDEGVYKCL  
HYSDSVSTKEVKVIVLATPFKPILEASVIRKQNGEEHVLMCSTMRSKPPPQITWLLGNSMEVSGGTLHEFETDGKKCNTT  
STLIIHTYGKNSTVDCIIRHRGLQGRKLVAPFRFEDLVTEETASDALERNLSLSSQDPQQTSTVSVTEDSSTSEIDKEEKEQT  
TQDPDLTTEANPQYLGLARKKSGLEHHHHHH

**纯度:** > 95% by HPLC

**浓度:** 1mg/ml (determined by Absorbance at 280nm)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.