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Tumor-associated calcium signal transducer 1, 24-265aa, Human, His tag, Insect cell

产品货号: TP04351

第三版

别名:TACSTD1, CD326, CO17-1A, EGP, EGP40, Ep-CAM, GA733-2, hEGP-2, KSA, M4S1, MIC18, MK-1, TROP1

**描述:**TACSTD1, also known as tumor-associated calcium signal transducer 1, is a membrane glycoprotein expressed on adenomatous and simple epithelia, where it is involved in homophilic adhesion at the basolateral membrane. It may act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. It plays a role in embryonic stem cells proliferation and differentiation. Recombinant human TACSTD1, 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:**28.2kDa (248aa) 28-40kDa (SDS-PAGE under reducing conditions)

**序列:**

QEECVCENYKLAVNCFVNNNRQCQCTSVGAQNTVICSKLAAKCLVMKAEMNGSKLGRRAKPEGALQNNNDGLYDPDC  
DESGLFKAKQCNGTSTCWCVNTAGVRRTDKDTEITCSERVRTYWIIELKHKAREKPYDSKSLRTALQKEITTRYQLDPKFI  
TSILYENNVITIDLQNSSQKTQNDVDIADVAYYFEKDVKGESLFHSSKMDLTVNGEQLDLDPGQTLIYYVDEKAPEFSM  
QGLKHHHHHH

**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.