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TACSTD2, 31-274aa, Human, His-tag, Baculovirus

产品货号: TP04134

第三版

别名: Tumor-associated calcium signal transducer 2, TACSTD2, EGP-1, EGP1, GA733-1, GA7331, GP50, M1S1, TROP2

描述: TACSTD2, also known as tumor-associated calcium signal transducer 2, is an identified cell surface glycoprotein highly expressed by human carcinomas. It is detected in normal kidney, lung, ovary and testis, similarly to the human gene. It is undetectable in undifferentiated spindle cell carcinomas, this suggests a preferential expression at early stages of tumor progression. Its inhibition suppresses the proliferation and invasion of laryngeal carcinoma cells via the extracellular signal-regulated kinase/mitogen-activated protein kinase pathway. Recombinant human TACSTD2, 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: 28.6kDa (253aa), 28-40kDa (SDS-PAGE under reducing conditions)

序列:

ADPQDNCTCPTNKMTVCSPDGPGGRCQCRALGSGMAVDCSTLTSKCLLLKARMSAPKNARTLVRPSEHALVDNDGLYD
PDCDPEGRFKARQCNQTSVCWCVNSVGVRRRTDKGDLRLCDELVRTHHILIDLRHRPTAGAFNHSDLDAELRRLFRERY
RLHPKFVAAVHYEQPTIQIELRQNTSQKAAGDVIDGDAAYYFERDIKGESLFQGRGGLDLRVRGEPLQVERTLIYYLDEIPP
KFSMKRLTHHHHHH

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.