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TMEFF1, 40-330aa, Human, His tag, E.coli

产品货号: TP04234

第三版

别名: Tomoregulin-1, C9orf2, CT120.1, H7365, TR-1

描述: TMEFF1, also known as tomoregulin-1, is a type I transmembrane glycoprotein. This protein contains two follistatin modules and an EGF domain in its extracellular domain, a transmembrane domain and a short cytoplasmic tail. The extracellular domain of TMEFF1 can be released as a soluble protein. TMEFF1 is predominantly expressed in brain, but is downregulated in brain neoplasms. TMEFF1 selectively regulates nodal but not activin signaling through direct binding to the nodal co-receptor, Cripto. Recombinant human TMEFF1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol.

分子量: 33.9 kDa (314aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSSNQPPGGGGGGSGGDCPGGKKGKSINCSSELVRESVVRVCDESSCKYGGVCKEDGD
GLKCACQFQCHTNYIPVCGSNGDTYQNECFRRRAACKHQKEITVIARGPCYSDNGSGSGEGEEEGSGAEVHRKHSHKCGP
CKYKAECDEDAENVGVCNIDCSGYSFNPVCASDGSSYNNPCFVREASCIKQEQIDIRHLGHCTD TDDT SLLGKKDDGL
QYRPDVKDASDQREDVYIGNHMPCPENLNGYCIHGKCEFIYSTQKASCRCESGYTGGHCEKTD FSILYV VPSRQKLTHV

纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by Bradford assay)

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.