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TMOD3, 1-352aa, Human, His tag, E.coli

产品货号: TP04235

第三版

别名:Tropomodulin-3, Tropomodulin 3, U-Tmod, UTMOD, Ubiquitous tropomodulin

描述:TMOD3 belongs to the tropomodulin family. Regulation of the actin cytoskeleton by filament capping proteins is critical to myriad dynamic cellular functions. The ability of these proteins to bind both filaments as well as monomers is often central to their cellular functions. The ubiquitous pointed end capping protein TMOD3 acts as a negative regulator of cell migration, yet mechanisms behind its cellular functions are not understood. Recombinant human TMOD3 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 0.15M NaCl, 10% glycerol

分子量:42 kDa (376aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMALPFRKDLKEYKDLDEDELLGNLSETELKQLETVLDDLDPENALLPAGFRQKNQ
TSKSTTGPFDRHLLSYLEKEALEHKDREDYVPYTGEEKGKIFIPKQKPVQTFTEEKVSLDPELEEALTSASDTELCDLAAILG
MHNLITNTKFCNIMGSSNGVDQEHFSNVKGEKILPVFDEPPNPTNVEESLKRTKENDAHLVEVNLNNIKNIPIPTLKDFA
KALETNTHVKCFSLAATRSNDPVATAFAEMLKVNKTLKSLNVESNFITGVGILALIDALRDNETLAELKIDNQRQQLGTAV
ELEMAKMLEENTNILKFGYQFTQQGPRTRAANAITKNNDLVRKRRVEGDHQ

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.