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TAGLN3, 1-199aa, Human, His tag, E.coli

产品货号: TP04140

第三版

别名:Transgelin-3, NP22, NP25

描述:TAGLN3, also known as transgelin-3, contains a putative Actin-binding domain, two EF-hand motifs, two potential phosphorylation sites and a calponin-homology (CH) domain. It shares homology with transgelin and calponin, two cytoskeleton-interacting proteins. Belonging to the calponin family, TAGLN3 co-localizes with Actin and tubulin, suggesting a possible role for it in neuronal plasticity or as a signaling protein. Due to a varied expression pattern, it may play different roles in the developing and adult brain. Recombinant human TAGLN3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

分子量:24.6 kDa (219aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMANRGPSTYGLSREVQEKIEQKYDADLENKLVDWIILQCAEDIEHPPPGRAHFQKWLMD
GTVLCKLINSLYPPGQEPKISESKMAFKQMEQISQFLKAAETYGVRTTDFQTVDLWEGKDMAAVQRTLALGSAVAVT
KDDGCYRGEPSWFHRKAQQNRRGFSEEQLRQGNVIGLQMGSNKGASQAGMTGYGMPRQIM

纯度:> 95% by HPLC

浓度:0.5 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.