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GAP43, 1-238aa, Human, His tag, E.coli

产品货号: TP02195

第三版

别名:Growth associated protein 43, Neuromodulin, B-50, PP46

描述:Growth associated protein 43, also known as GAP43, is a phosphoprotein of the presynaptic membrane involved in synaptic reorganization and neural development. It is present at high levels in neuronal growth cones during development and axonal regeneration. GAP43 is normally produced by neurons during developmental growth and axonal regeneration, but it is also expressed in specific regions of the normal adult nervous system.

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

分子量:27.3 kDa (262aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMLCCMRRTKQVEKNDDDQKIEQDGIKPEDKAHKAATKIQASFRGHITRKKLKG
EKKDDVQAAEAEANKKDEAPVADGVEKKGEGTTTAEAAPATGSKPDEPGKAGETPSEEKKGEGDAATEQAAPQAPASSE
EKAGSAETESATKASTDNSPSSKAEDAPAKEPKQADVPAAVTAAAATTPAAEDAAKATAQPPTETGESSQAEENIEAVD
ETKPKESARQDEGKEEEPEADQEHA

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by BCA 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.