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Recombinant Human Neuroligin-3 / NLGN3 Protein (His tag)

产品货号: TP06581

第三版

别名:HNL3

描述:Neuroligin 3 (NLGN3) is a member of the type-B carboxylesterase/lipase family. Neuroligins (NLGNs) are a family of presumptive postsynaptic cell adhesion molecules. Neuroligins (NLs) constitute a family of cell-surface proteins that interact with neuroligins (beta-Nxs), another class of neuronal cell-surface proteins, one of each class functioning together in synapse formation. Neuroligins control the formation and functional balance of excitatory and inhibitory synapses in hippocampal neurons. NLGN1 and NLGN2 isoforms are concentrated at glutamatergic and GABAergic synapses, respectively, but the cellular expression and synaptic localization of the endogenous. NLGN3 was enriched in brain, where NLGN3 protein levels increased during postnatal development, coinciding with the peak of synaptogenesis. The NLGN3 is a synaptic adhesion molecule that is a shared component of glutamatergic and GABAergic synapses. Mutations in NLGN3 gene may be associated with autism and Asperger syndrome.

配方:PBS

分子量:74 kDa

序列:Met 1-Ser 689

纯度:> 95% by HPLC

浓度:

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.