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LINGO, 241-370 aa, Human, His tag, E.coli

产品货号: TP02833

第三版

**别名:**Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein1, LERN1, LRRN6A, uNQ201

**描述:**Lingo1 also known as Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein1. LINGO-1 is primarily expressed in neuronal tissue, and most abundantly in cortex. It has been implicated in the inhibition of axon regeneration through a ternary complex formed with NgR1 (ligand-binding subunit) and p75 (signal transducing subunit). The inhibitory action is achieved through RhoA-GTP upregulation in response to the presence of MOG, MAG or Nogo-66 in the central nervous system. LINGO-1 also inhibits oligodendrocyte precursor differentiation and myelination, by a mechanism that also involves activation of RhoA, but which apparently does not require 75 or NgR1. Recombinant human LINGO1 protein, was expressed in E.coli

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

**分子量:**15.1kDa (133aa)

**序列:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGS�KVLEISHWPYLDTMTPNCLYGLNLTSLSTHNCNLTAVPY  
LAVRHLVYLRFLNLSYNPISTIEGSMLHELLRLQEIQLVGGQLAVVEPYAFRGLNYL

**纯度:**> 95% by HPLC

**浓度:**1mg/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.