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PRNP, 23-230aa, Human, His tag, E.coli

产品货号: TP03532

第三版

别名: Prion protein preproprotein, ASCR, CD230, CJD, GSS, MGC26679, prion, PRIP, PrP, PrP27-30, PrP33-35C, PrPc

描述: Prion protein, also known as PRNP, is a ubiquitous membrane glycoprotein whose abnormal self-replicating, misfolded form is widely believed to cause several central nervous system disorders, collectively known as Transmissible Spongiform Encephalopathies (TSE). This protein contains a highly unstable region of five tandem octapeptide repeat. Mutations in the repeat region as well as elsewhere in this gene have been associated with Creutzfeldt-Jakob disease, fatal familial insomnia, Gerstmann-Straussler disease, Huntington disease-like 1, and kuru. Recombinant human PRNP protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1M Urea, 10% glycerol

分子量: 25 kDa (229aa)

序列:

MGSSHHHHHSSGLVPRGSHMKKRPKPGGWNTGGSRYPGQGSPGGRYPPQGGGGWGQPHGGGWGQPHGGGWG
QPHGGGWGQPHGGGWGQGGGTHSQWNKPSKPKTNMKHMAGAAAAGAVVGGGLGGYVLGSAMSRPIIHFGSDYEDR
YYRENMHRYPNQVYYRPMDEYSNQNNFVHDCVNITIKQHTVTTTTKGENFTETDVKMMERVVEQMCITQYERESQAY
YQRGS

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.