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DCTN2, 1-403aa, Human, His tag, E.coli

产品货号: TP01842

第三版

别名: Dynactin 2 isoform 2, dynactin 2

描述: Dynactin 2, also known as DCTN2, modulates cytoplasmic dynein binding to an organelle, and plays a role in prometaphase chromosome alignment and spindle organization during mitosis. This protein is involved in anchoring microtubules to centrosomes. This protein may play a role in synapse formation during brain development. Recombinant human DCTN2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量: 46.9kDa (426aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMADPKYADLPGIARNEPDVYETSDLPEDDQAEFDAAELELTSTSV EHIIVNPNAAYD
KFKDKRVGTKGLDFSDRIGTKRTGYESGEYEMLGELGVKETPQQKYQRLLEHVQELTTEVEKIKTTVKESATEEKLPV
LLAKQLAALKQQLVASHLEKLLGPDAAINLTPDGALAKRLLLQLEATKNSKGGSGGKTTGTPDSSLVTYELHSRPEQDK
FSQAAKVAELEKRLTELETAVRCDQDAQNPLSAGLQGACLMETVELLQAKVSALDLAVLDQVEARLQSVLGKVNEIAKH
KASVEDADTQSKVHQLYETIQRWSPIASTLPELVQRLVTIKQLHEQAMQFGQLLTHLDTTQQMIANSLKDNTLLTQVQ
TTMRENLATVEGNFASIDERMKKLGK

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.