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OPTC, 20-332aa, Human, His tag, E.coli

产品货号: TP03254

第三版

别名:Opticin, Opticin, OPT

描述:Opticin belongs to class III of the small leucine-rich repeat protein (SLRP) family. Members of this family are typically associated with the extracellular matrix. Opticin is present in significant quantities in the vitreous of the eye and also localizes to the cornea, iris, ciliary body, optic nerve, choroid, retina, and fetal liver. Opticin may noncovalently bind collagen fibrils and regulate fibril morphology, spacing, and organization. The opticin gene is mapped to a region of chromosome 1 that is associated with the inherited eye diseases age-related macular degeneration (AMD) and posterior column ataxia with retinosa pigmentosa (AXPC1). Recombinant human OPTC protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol

分子量:37.6 kDa (336aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSASLPRKERKRREEQMPREGDSFEVLPLRNDVLNPDNYGEVIDLSNYEELTDYGDQL
PEVKV/SLAPATSISPAKSTTAPGTPSSNPTMTRPTTAGLLLSSQPNHGLPTCLVCVCLGSSVYCDIDLEDIPPLPRRTAYLY
ARFNRISRIRAEDEFKGLTKLKRIDLNNLISSIDNDAFRLHALQDLILPENQLEALPVLPSGIEFLDVRLNRLQSSGIQPAAFRA
MEKLQFLYLSDNLLDSIPGPLPLSLRSVHLQNNLIETMQRDVFCDEEHKHTRRQLEDIRLDGNPINLSLFPSAYFCLPRLPIG
RFT

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.