

THAP11, 1-314aa, Human, His tag, E.coli

Cat.NO.: TP04199

3th Edition

Synonyms:THAP domain-containing protein 11, CTG-B43a, CTG-B45d, HRIHFB2206, RONIN

Description:THAP domain-containing protein 11, also known as THAP11, is a member of the thanatos-associated protein family. Localizing to the nucleus and cytoplasm, THAP11 may act as a transcriptional repressor, playing a role in embryogenesis and pluripotency of embryonic stem cells by recruiting epigenetic modifiers. THAP11 interacts with HCF1 via a coiled coil domain. Recombinant human THAP11 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:36.8 kDa (337aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMGFTCCVPGCYNNSHRDKALHFYTFPKDAELRRLWLKNVSRAGVSGCFS
TFQPTTGHR LCSVHFQGRKTYTVRVPTIFPLRGVNERKVARRPAGAAAARRRQQQQQQQQQQQQQQQQQQ
QQQQQQQQQQSSPSASTAQTALQPNLVSASAAVLLTLQATVDSSQAPGSVQPAPITPTGEDVKPIDLTVQVEFA
AAEGAAAAAAASELQAATAGLEAAECPMGPQLVVVGEEGFPDTGSDHSYSLSSGTTEELLRKLNEQRDILALMEV
KMKEMKGSIRHLRLTEAKLREELREKDRLLAMAVIRKKHGM

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.