



YEATS4, 1-227aa, Human, His tag E.coli

Cat.NO.: TP04520

3th Edition

Synonyms:YEATS domain-containing protein 4, 4930573H17Rik, B230215M10Rik, GAS41, NUBI-1,YAF9, YEATS domain containing 4, Glioma-amplified sequence 41

Description:YEATS4 has high sequence homology to human MLLT1, and yeast and human MLLT3 proteins. Both MLLT1 and MLLT3 proteins belong to a class of transcription factors, indicating that the encoded protein might also represent a transcription factor. This protein is thought to be required for RNA transcription. This gene has been shown to be amplified in tumors. Recombinant human YEATS4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol, 2mM DTT,0.2M NaCl, 0.1mM PMSF

Molecular Weight:28.9 kDa (250aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMFKRMAEFGPDSGGRVKGVTIVKPIVYGNVARYFGKKREEDGHTHQWTVY
VKPYRNEDMSAYVKKIQFKLHESYGNPLRVVTKPPYEITETGWGEFEIIIIKIFFIDPNERPVTLYHLLKLFQSDTNAML
GKKTVVSEFYDEMIFQDPTAMMQLLTTSRQLTLGAYKHETEFAELEVKTREKLEAAKKKTSFEIAELKERLKASRE
TINCLKNEIRKLEEDDQAKDI

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.