Recombinant human YEATS4 protein

Catalog Number: ATGP1365

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-227aa

UniProt No.
O95619

NCBI Accession No.
NP_006521

Alternative Names
YEATS domain-containing protein 4, 4930573H17Rik, B230215M10Rik, GAS41, NuBI-1,YAF9, YEATS domain containing 4, Glioma-amplified sequence 41

PRODUCT SPECIFICATION

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

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 50% glycerol, 2mM DTT, 0.2M NaCl, 0.1mM PMSF, 50mM Imidazole

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

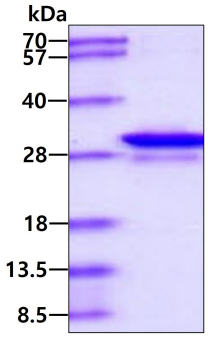
<MGSSHHHHHH SSGLVPRGSH MGS>MFKRMAE FGPDSGGRVK GVTIVKPIVY GNVARYFGKK REEDGHTHQW TVYVKPYRNE DMSAYVKKIQ FKLHESYGNP LRVVTKPPYE ITETGWGEFE IIIKIFFIDP NERPVTLYHL LKLFQSDTNA MLGKKTVVSE FYDEMIFQDP TAMMQQLLTT SRQLTLGAYK HETEFAELEV KTREKLEAAK KKTSFEIAEL KERLKASRET INCLKNEIRK LEEDDQAKDI

General References

Harborth J. et al. (2000) J. Biol. Chem. 275:31979-31985.
Debernardi S. et al. (2002) Blood. 99: 275-81.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.