

Recombinant Human YEATS Domain Containing 4, His-tagged

Cat. No. YEATS4-4834H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human YEATS4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 2mM DTT, 0.2M NaCl, 0.1mM PMSF.
Molecular Weight	28.9 kDa (250aa), confirmed by MALDI-TOF.
Purity	>90% by SDS-PAGE
Concentration	0.5 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MGSMFKRMAE FGPDSGGRVK GVTIVKPIVY GNVARYFGKK REEDGHTHQW TVYVKPYRNE DMSAYVKKIQFKLHESYGNP LRVVTKPPYE ITETGWGEFE IIKIFFIDP NERPVTLYHL LKLFQSDTNA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MLGKKTVVSE FYDEMIFQDP TAMMQQLTTSRQLTLGAYK HETFAELEV
KTREKLEAAK KKTSFEIAEL KERLKASRET INCLKNEIRK LEEDDQAKDI

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.

Pathways

C-MYB transcription factor network

GENE INFORMATION

Gene Name

YEATS4 YEATS domain containing 4 [Homo sapiens]

Official Symbol

YEATS4

Synonyms

YEATS4; YEATS domain containing 4; YAF9; GAS41; NUBI-1; 4930573H17Rik; B230215M10Rik; NuMA binding protein 1; glioma-amplified sequence-41; YEATS domain-containing protein 4; nuBI1; nuMA-binding protein 1; glioma-amplified sequence 41; nuBI1; Glioma-amplified sequence 41; NuMA-binding protein 1; 4930573H17Rik; NuBI1; B230215M10Rik

Gene ID

8089

mRNA Refseq

NM_006530

Protein Refseq

NP_006521

MIM

602116

UniProt ID

O95619

Chromosome

12q13-q15

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Location**Function**

protein C-terminus binding; protein C-terminus binding; transcription factor activity

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA