

# Recombinant Human YEATS Domain Containing 4, His-tagged

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

## SPECIFICATION

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

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MLGKKTVVSE FYDEMIFQDP TAMMQQLLTTSRQLTLGAYK 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

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**Location**

**Function**

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

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