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) containing30% 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 IIIKIFFIDP NERPVTLYHL LKLFQSDTNA

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	MLGKKTVVSE FYDEMIFQDP TAMMQQLLTTSRQLTLGAYK HETEFAELEV 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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