Recombinant Human YEATS4, His-tagged

Cat. No. YEATS4-28475TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human GAS41 with N terminal His tag; 250 amino acids with tag, Predicted MWt 28.9 kDa.
Species	Human
Source	E.coli
ProteinLength	227 amino acids
Description	The protein encoded by this gene is found in the nucleoli. It 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.
Conjugation	HIS
Molecular Weight	28.900kDa inclusive of tags
Tissue specificity	Expressed in brain, heart, kidney, liver, lung, pancreas, placenta and skeletal muscle.
Form	Liquid
Purity	>90% by SDS-PAGE

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Storage buffer	pH: 8.00Constituents:0.32% Tris HCl, 30% Glycerol, 0.03% DTT, 1.17% Sodium chloride, 0.002% PMSF
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMGSMFKRMAEFGPDSGGRVK GVTIVKPIVYGNVA RYFGKKREEDGHTHQWTVYVKPYRNE DMSAYVKKIQFKLHESYGNPLRVVTKPPY EITETGWGEFE IIIKIFFIDPNERPVTLYHLLKLFQSDTNAMLGKKTVVSE FYDEMIFQ DPTAMMQQLLTTSRQLTLGAYKHETEFAELEV KTREKLEAAKKKTSFEIAELKERLK ASRETINCLKNEIRK LEEDDQAKDI
Sequence Similarities	Contains 1 YEATS domain.

GENE INFORMATION

Gene Name	YEATS4 YEATS domain containing 4 [Homo sapiens]
Official Symbol	YEATS4
Synonyms	YEATS4; YEATS domain containing 4; YEATS domain-containing protein 4; GAS41; NuBI 1; YAF9;
Gene ID	8089
mRNA Refseq	NM_006530
Protein Refseq	NP_006521
MIM	602116

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Uniprot ID	O95619
Chromosome Location	12q13-q15
Pathway	C-MYB transcription factor network, organism-specific biosystem;
Function	DNA binding; protein C-terminus binding; protein binding; sequence-specific DNA binding transcription factor activity; structural constituent of cytoskeleton;

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