

## Product datasheet for PH301526

### GAS41 (YEATS4) (NM\_006530) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	YEATS4 MS Standard C13 and N15-labeled recombinant protein (NP_006521)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201526
Predicted MW:	26.5 kDa
Protein Sequence:	>RC201526 protein sequence Red=Cloning site Green=Tags(s)  MFKRMAEFGPDSGGRVKGVTVKPIVYGNVARYFGKKREEDGHTHQWTVVYKPYRNEDMSAYVKKIQFKL HESYGNPLRVVTKPPYEITETGWGEFEIIKIFFIDPNERPVTLYHLLKLFQSDTNAMLGKKTIVSEFYD EMIFQDPTAMMQQLLTTSRQLTLGAYKHETFAELVKTRKLEAAKKTSFEIAELKERLKASRETINC LKNEIRKLEEDDQAKDI  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_006521</a>
RefSeq Size:	1509
RefSeq ORF:	681
Synonyms:	4930573H17Rik; B230215M10Rik; GAS41; NUBI-1; YAF9
Locus ID:	8089
UniProt ID:	<a href="#">O95619</a>



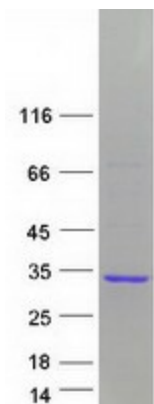
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Cytogenetics: 12q15

**Summary:** 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. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified YEATS4 protein (Cat# [TP301526]). The protein was produced from HEK293T cells transfected with YEATS4 cDNA clone (Cat# [RC201526]) using MegaTran 2.0 (Cat# [TT210002]).