

## Product datasheet for **TP301526**

### **GAS41 (YEATS4) (NM\_006530) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens YEATS domain containing 4 (YEATS4), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201526 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MFKRMAEFGPDSGGRVKGVTIVKPIVYGNVARYFGKKREEDGHTHQWTVYVKPYRNEDMSAYVKKIQFKL HESYGNPLRVWTKPPYEITETGWGEFEIIIKIFFIDPNERPVTLYHLLKLFQSDTNAMLGKKTWSEFYD EMIFQDPTAMMQLLTTSRQLTLGAYKHETEFAELEVKTREKLEAAKKKTSFEIAELKERLKASRETINC LKNEIRKLEEDDQAKDI  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	26.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_006521</a></u>
Locus ID:	8089
UniProt ID:	<u><a href="#">O95619</a></u>



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RefSeq Size: 1509

Cytogenetics: 12q15

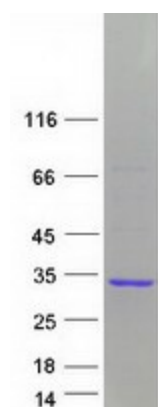
RefSeq ORF: 681

Synonyms: 4930573H17Rik; B230215M10Rik; GAS41; NUBI-1; YAF9

**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]).