

## Recombinant Human YEATS4 protein, GST-tagged

**Cat. No.** YEATS4-269H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human YEATS4(1-150 aa)(YEATS DOMAIN) fused with GST tag at N-terminal was expressed in E. coli.                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-150 a.a.                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | GAS41 is a component of NuA4, a multi-subunit protein complex that includes histone acetyltransferase activity and is involved in the activation of transcription. The YEATS domain of GAS41 has been found to interact with acetylated and crotonylated histone H3 and histone H4. |
| <b>Form</b>             | Recombinant GST-tagged protein at 1 mg/ml in 50 mM HEPES pH 7.3, 200 mM NaCl, 1 mM DTT, 10% glycerol.                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 44 kDa                                                                                                                                                                                                                                                                              |
| <b>Applications</b>     | GAS41 YEATS Domain, Recombinant Human is useful for protein binding and screening experiments examining crotonylated and acetylated protein substrates.                                                                                                                             |
| <b>Storage</b>          | Stable for six months at -80 centigrade from date of receipt. For best results, aliquot and avoid multiple freeze/thaws.                                                                                                                                                            |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Concentration** 1 mg/ml

## 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; nuBI1; NuMA binding protein 1; nuMA-binding protein 1; glioma-amplified sequence 41; glioma-amplified sequence-41; NUBI-1; 4930573H17Rik; B230215M10Rik;

**Gene ID** 8089

**mRNA Refseq** NM\_006530

**Protein Refseq** NP\_006521

**MIM** 602116

**UniProt ID** O95619

**Chromosome Location** 12q13-q15

**Pathway** C-MYB transcription factor network, organism-specific biosystem;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA