

## Recombinant Human YEATS2 protein, GST-tagged

**Cat. No.** YEATS2-272H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human YEATS2(201-350 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>    | 201-350 a.a.                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | YEATS2 is a component of ATAC, a multi-subunit protein complex that includes histone acetyltransferase activity and is involved in nucleosome sliding and the activation of transcription. The YEATS domain of YEATS2 has been found to interact with acetylated and crotonylated histone H3 and histone H4. |
| <b>Form</b>             | Recombinant protein at 1 mg/ml in 20 mM Tris-HCl pH 7.5, 150 mM NaCl, 1mM EDTA, 1 mM DTT, 10% glycerol.                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 43 kDa                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>     | YEATS2 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.                                                                                                                                                                                     |

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|               |         |
|---------------|---------|
| Concentration | 1 mg/ml |
|---------------|---------|

## GENE INFORMATION

|           |                                                   |
|-----------|---------------------------------------------------|
| Gene Name | YEATS2 YEATS domain containing 2 [ Homo sapiens ] |
|-----------|---------------------------------------------------|

|                 |        |
|-----------------|--------|
| Official Symbol | YEATS2 |
|-----------------|--------|

|          |                                                                                                                                   |
|----------|-----------------------------------------------------------------------------------------------------------------------------------|
| Synonyms | YEATS2; YEATS domain containing 2; YEATS domain-containing protein 2; FLJ10201; FLJ12841; FLJ13308; KIAA1197; FLJ33401; FLJ34335; |
|----------|-----------------------------------------------------------------------------------------------------------------------------------|

|         |       |
|---------|-------|
| Gene ID | 55689 |
|---------|-------|

|             |           |
|-------------|-----------|
| mRNA Refseq | NM_018023 |
|-------------|-----------|

|                |           |
|----------------|-----------|
| Protein Refseq | NP_060493 |
|----------------|-----------|

|     |        |
|-----|--------|
| MIM | 613373 |
|-----|--------|

|            |        |
|------------|--------|
| UniProt ID | Q9ULM3 |
|------------|--------|

|                     |        |
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| Chromosome Location | 3q27.3 |
|---------------------|--------|

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