



# Recombinant Human YEATS domain-containing protein 4 (YEATS4)

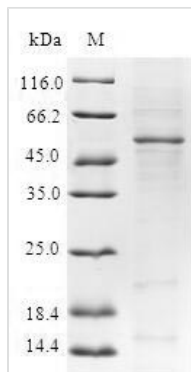
<b>Product Code</b>	CSB-EP026252HU
<b>Relevance</b>	Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage.
<b>Abbreviation</b>	Recombinant Human YEATS4 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	O95619
<b>Alias</b>	Glioma-amplified sequence 41
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MFKRMAEFGPDGGRVKGVTIVKPIVYGNVARYFGKKREEDGHTHQWTVYVK PYRNEDMSAYVKKIQFKLHESYGNPLRVVTKPPYEITETGWGEFEIIKIFFIDPN ERPVTLYHLLKLFQSDTNAMLGKKT VSEFYDEMIFQDPTAMMQQLTTSRQL TLGAYKHETFAELEVKTREKLEAAKKKTSFEIAELKERLKASRETINCLKNEIR KLEEDDQAKDI
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Source</b>	E.coli
<b>Target Names</b>	YEATS4
<b>Protein Names</b>	Recommended name: YEATS domain-containing protein 4 Alternative name(s): Glioma-amplified sequence 41 Short name= Gas41 NuMA-binding protein 1 Short name= NuBI-1 Short name= NuBI1
<b>Expression Region</b>	1-227aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal GST-tagged



**Mol. Weight** 53.5kDa

**Protein Length** Full Length

**Image**



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life**

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