Recombinant Human YEATS domain-containing protein 4(YEATS4)

Catalog No: #AP76888

Package Size: #AP76888-1 20ug #AP76888-2 100ug #AP76888-3 1mg

Orders: order@signalwayantibody.com
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Description

Product Name	Recombinant Human YEATS domain-containing protein 4(YEATS4)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-227aaSequence Info:Full Length
Other Names	Glioma-amplified sequence 41
Accession No.	O95619
Uniprot	O95619
GeneID	8089;
Calculated MW	53.5 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MFKRMAEFGPDSGGRVKGVTIVKPIVYGNVARYFGKKREEDGHTHQWTVYVKPYRNEDMSAYVKKIQFKLHESYGNPLRVVTKPPYEITETGWGEFEIIIKIFFIDPNERPVTLYHLLKLFQSDTNAMLGKKTVVSEFYDEMIFQDPTAMMQQLLTTSRQLTLGAYKHETEFAELEVKTREKLEAAKKKTSFEIAELKERLKASRETINCLKNEIRKLEEDDQAKDI
Formulation	Tris-based buffer50% glycerol
Storage	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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

"GAS41, a highly conserved protein in eukaryotic nuclei, binds to NuMA."
Harborth J., Weber K., Osborn M.
J. Biol. Chem. 275:31979-31985(2000)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only