Recombinant Homo sapiens Transcription intermediary factor 1-alpha

Catalog No: #AP72827

Package Size: #AP72827-1 20ug #AP72827-2 100ug #AP72827-3 1mg

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Homo sapiens Transcription intermediary factor 1-alpha
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:891-1012aaSequence Info:Partial
Other Names	E3 ubiquitin-protein ligase TRIM24RING finger protein 82Tripartite motif-containing protein 24
Accession No.	O15164
Uniprot	O15164
GeneID	8805;
Calculated MW	16.5 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	KKKTEGLVKLTPIDKRKCERLLLFLYCHEMSLAFQDPVPLTVPDYYKIIKNPMDLSTIKKRLQEDYSMYSKPEDF VADFRLIFQNCAEFNEPDSEVANAGIKLENYFEELLKNLYPEKRFPK
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

Transcriptional coactivator that interacts with numerous nuclear receptors and coactivators and modulates the transcription of target genes. Interacts with chromatin depending on histone H3 modifications, having the highest affinity for histone H3 that is both unmodified at 'Lys-4' (H3K4me0) and acetylated at 'Lys-23' (H3K23ac). Has E3 protein-ubiquitin ligase activity. Promotes ubiquitination and proteasomal degradation of p53,TP53. Plays a role in the regulation of cell proliferation and apoptosis, at least in part via its effects on p53,TP53 levels. Up-regulates ligand-dependent transcription activation by AR, GCR,NR3C1, thyroid hormone receptor (TR) and ESR1. Modulates transcription activation by retinoic acid (RA) receptors, including RARA. Plays a role in regulating retinoic acid-dependent proliferation of hepatocytes .

References

Differential interaction of nuclear receptors with the putative human transcriptional coactivator hTIF1.Thenot S., Henriquet C., Rochefort H., Cavailles V.J. Biol. Chem. 272:12062-12068(1997)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only