

## Recombinant human Transcriptional adapter 3 protein

Catalog No: #AP71822



Package Size: #AP71822-1 20ug #AP71822-2 100ug #AP71822-3 1mg

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## Description

Product Name	Recombinant human Transcriptional adapter 3 protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-238aaSequence Info:Partial
Other Names	ADA3 homolog ;hADA3STAF54Transcriptional adapter 3-like ;ADA3-like protein
Accession No.	O75528
Uniprot	O75528
GeneID	10474;
Calculated MW	53.9 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MSELKDCPLQFHDFKSV D H L K V C P R Y T A V L A R S E D D G I G I E E L D T L Q L E L E T L L S S A S R R L R V L E A E T Q I L T D W Q D K K G D R R F L K L G R D H E L G A P P K H G K P K K Q K L E G K A G H G P G P G P G R P K S K N L Q P K I Q E Y E F T D D P I D V P R I P K N D A P N R F W A S V E P Y C A D I T S E E V R T L E E L L K P P E D E A E H Y K I P L G K H Y S Q R W A Q E D L L E E Q K D G A R A A A V A D K K K G L M G P L T E L D T K D V D
Formulation	Tris-based buffer 50% 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

Functions as a component of the PCAF complex. The PCAF complex is capable of efficiently acetylating histones in a nucleosomal context. The PCAF complex could be considered as the human version of the yeast SAGA complex. Also known as a coactivator for p53, TP53-dependent transcriptional activation. Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4.

## References

Histone-like TAFs within the PCAF histone acetylase complex. Ogryzko V.V., Kotani T., Zhang X., Schiltz R.L., Howard T., Yang X.-J., Howard B.H., Qin J., Nakatani Y. Cell 94:35-44(1998) Research Topic: Transcription

Note: This product is for in vitro research use only