

TAF5L Protein, Human, Recombinant (GST)

General Information

Synonyms:	TAF5L;PCAF-associated factor 65 beta (PAF65-beta);TAF5-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 5L;PAF65B
Protein Construction:	1-325 aa
Species:	Human
Expression Host:	E. coli
Accession:	O75529
Molecular Weight:	64.0 kDa (predicted)
AA Sequence:	MKRVRTEQIQMAVSCYLKRRQYVDSGGLKQGLRLSQTAEEAANLTVQSESGCANIVSAAPCQAEPQQYE VQFGRLRNFLTSDSQHSHEVMPLLYPLFVYLHLNLVQNSPKSTVESFYRFHGMFLQNASQKDVIEQLQTT QTIQDILSNFKLRAFLDNKYVRLQEDSYNYLIRYLQSDNNTALCKVLTLLHIHLDVQPAKRTDYQLYASGSSSR SENNGLEPPDMPSPILQNEAALEVLQESIKRVKDGPPSLTTCFYAFYNTEQLLNTAEISPDSKLLAAGFDNSCI KLWLSLRSKKLKSEPHQVDVSRIHLACDILEEEV

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein 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.

A DRUG SCREENING EXPERT

With TAF6L, acts as an epigenetic regulator essential for somatic reprogramming. Regulates target genes through H3K9ac deposition and MYC recruitment which trigger MYC regulatory network to orchestrate gene expression programs to control embryonic stem cell state.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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