

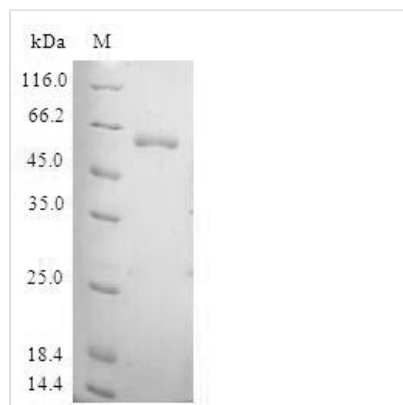


Recombinant Human TAF5-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 5L (TAF5L)

Product Code	CSB-EP023093HU
Relevance	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.
Abbreviation	Recombinant Human TAF5L protein
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.
Uniprot No.	O75529
Alias	PCAF-associated factor 65 beta
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MKRV RTEQIQMAVSCYLKRRQYVDS DGPLKQGLRLSQTAEEMAANLTVQSES GCANIVSAAPCQAEPQQYEVQFGRLRNFLTDSDSQHSHEVMPLLYPLFVYLHL NLVQNSPKSTVESFYSRFHGMFLQNASQKD VIEQLQTQTQIQDILSNFKLRAFL DNKYVVRLQEDSYNYLIRYLQSDNNTALCKVLT LHIHLDVQPAKRTDYQLYASG SSSRSENNGLEPPDMPSPILQNEAALEVLQESIKRVKDGPPSLTTICFYAFYNT EQLLNTAEISPDSKLLAAGFDNSCIKLWLSLR SKKLKSEPHQVDVSRHLCADILE EEV
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	TAF5L
Protein Names	Recommended name: TAF5-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 5L Alternative name(s): PCAF-associated factor 65 beta Short name= PAF65-beta
Expression Region	1-325aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	64.0kDa
Protein Length	Full Length of Isoform 2



Image



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

Description

The generation of the recombinant Human TAF5L protein typically includes the following steps: synthesizing the recombinant plasmid containing the gene encoding the Human TAF5L protein (1-325aa), transforming the recombinant plasmid into e.coli cells, selecting the positive e.coli cells, and culturing the positive e.coli cells for protein expression. The protein is equipped with a N-terminal GST tag. After expression, affinity purification is employed to isolate and purify the recombinant TAF5L protein from the cell lysate. Denaturing SDS-PAGE is utilized to resolve the resulting recombinant Human TAF5L protein, revealing a purity level exceeding 90%.

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

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.