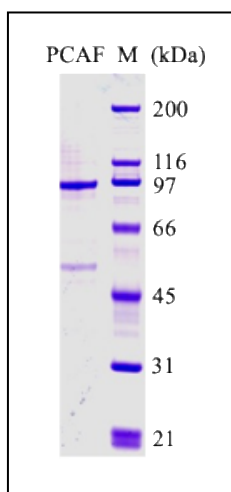


Recombinant PCAF Protein

Catalog Number	Size
AG1123-10	10ug
AG1123-25	25ug
AG1123-B	Bulk

Description



The p300/CBP-associated factor (PCAF or KAT2B) protein was expressed in the baculovirus system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 847 (15+832) amino acids with an 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 70kDa.

MHHHHHHGRRASVLE MSEAGGAGPGGCGAGAGAGAGPGALPPQPAALPPA
 PPQGSPCAAAAGGSGACGPATAVAAAAGTAEGPGGGGSARIAVKKAQLRSA
 PRAKKLEKLGVSACKAEESCKCNGWKNPNPSPPTPPRADLQQIIIVSLTES
 CRSCSHALAAHVSHLENVSEEEEMNRLLGIVLDVEYLFQCVHKEEDADTKQ
 VYFYLFKLLRKSILQRGKPVVEGSLEKKPPFEKPSIEQGVNNFVQYKFSH
 LPAKERQTIVELAKMFLNRINYWHLEAPSQRRLRSPNDDISGYKENYTRW
 LCYCNVPQFCDLPRYETTQVFGRTLRLSVFTVMRRQLLEQARQEKDKLP
 LEKRTLILTHFPKFLSMLEEEVYSQNSPIWDQDFLSASSRTSQLGIQTVI
 NPPPVAGTISYNSTSSSLEQPNAGSSSPACKASSGLEANPGEKRMKTDH
 VLEEAKKPRVMGDI PMELINEVMSTITDPAAMLGPETNFLSAHSARDEAA
 RLEERRGVIEFHVVGNSLNQKPNKKILMWLVGLQNVFSHQLPRMPKEYIT
 RLVFDPKHKTALIKDGRVIGGICFRMFPSQGFTEIVFCAVTSNEQVKGY
 GTHLMNHLKEYHIKHDILNFLTAYADEYAIGYFKKQGFSEIKIPKTKYVG
 YIKDYEGATLMGCELNPRIPYTEFSV I I K K Q K E I I K K L I E R K Q A Q I R K V Y
 PGLSCFKDGV R Q I P I E S I P G I R E T G W K P S G K E K S K E P R D P D Q L Y S T L K S I
 L Q Q V K S H Q S A W P F M E P V K R T E A P G Y Y E V I R F P M D L K T M S E R L K N R Y Y V S K
 K L F M A D L Q R V F T N C K E Y N P P E S E Y Y K A N I L E K F F F S K I K E A G L I D K -

Accession Number

NM_003884

Molecular Mass

Approximately 70kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The PCAF (KAT2B) protein is a transcription regulator that associates with CBP and p300 and has histone acetyl transferase activity with core histones and nucleosome core particles. The recombinant PCAF protein can be used for the studies of transcription assays, protein-protein interactions, and other related function assays.

Formulation

20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.



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Email: info@ascentgene.com

Storage

The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. (***Avoid repeated freeze-thaw cycle***)

FOR RESEARCH USE ONLY!!!