

Technical Data Sheet

Product **Recombinant human Cbp / PAG**

Cat. Number/Size **EXB0009** **0.1 mg**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

Format Purified

Reactivity Human

Application WB

Description Recombinant human PAG / Cbp is expressed in *E. coli*. DNA sequence encoding intracellular domain of human Cbp/PAG (amino acids 41- 432) was fused with a His tag at the N-terminus. A calculated molecular mass of fusion protein is 45.3 kDa. As a result of highly acidic character of Cbp/PAG (predicted isoelectric point pI 4.4) and further modification by phosphorylation, the recombinant protein migrates as a 70 - 85 kDa protein in SDS-PAGE under reducing conditions.

Contents Recombinant human PAG / Cbp - 1 vial (0.1 mg).  
Reconstitute vial content with 100 µl sterile deionized water.  
For long term storage or for preparation of more diluted working stock solution, a carrier protein (e.g. 1% serum albumin) should be added to the vial.

Preparation The protein was purified by immobilized metal affinity chromatography used for purification of polyhistidine-tagged recombinant proteins, and lyophilized.

Formulation Lyophilized from a 0.22 µm filtered solution in phosphate buffered saline (PBS).

Storage and handling Store lyophilized product in freezer (-20 °C to -80 °C). The expiration date of unopened product vial is indicated on the vial label. After reconstitution prepare suitable aliquots. Reconstituted product is stable for at least 6 months when stored in freezer (-20 °C to -80 °C). Avoid freeze/thaw cycles.

Images and References [www.exbio.cz](http://www.exbio.cz)

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