Antigens

Data Sheet

RAT CARTILAGE OLIGOMERIC MATRIX PROTEIN (COMP)

RECOMBINANT

Catalog no.:	AP1007AG.1 / AP1007AG.2
Name:	Rat COMP Fragment (Type III repeats + C-terminal region), N-terminal tag
MW:	60 kDa
Swiss-Prot No:	P35444
Gene Information:	Gene Name: Comp
	GeneID: 25304
Source:	Produced serum-free in a human cell line
Purification:	Affinity chromatography
Storage buffer:	PBS, pH 7.4
Purity:	> 95% (SDS-PAGE)
Contents:	10 µg / 100 µg (lyophilized)
	Resuspend in aqua bidest. for required concentration
Store at:	- 20 °C
	Repeated thawing and freezing must be avoided
References:	1. Spitznagel L, Nitsche DP, Paulsson M, Maurer P, Zaucke F (2004) Characterization of a pseudoachondroplasia-associated mutation (His587-->Arg) in the C-terminal, collagen-binding domain of cartilage oligomeric matrix protein (COMP). *Biochem J* **377**(Pt 2): 479-487.
Last updated on:	23 October 2019

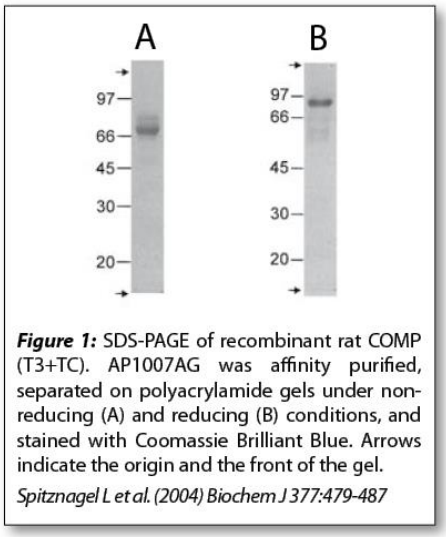

Figure 1: SDS-PAGE of recombinant rat COMP (T3+TC). AP1007AG was affinity purified, separated on polyacrylamide gels under non-reducing (A) and reducing (B) conditions, and stained with Coomassie Brilliant Blue. Arrows indicate the origin and the front of the gel.

Spitznagel L et al. (2004) Biochem J 377:479-487

For research use only

Publishing research using AP1007AG? Please let us know so that we can cite your publication as a reference.

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