

# Recombinant Human COMP

Catalog No: #GP11393



Package Size: #GP11393-1 100ug

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## Description

Product Name	Recombinant Human COMP
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from C terminal 215 amino acids of human cartilage oligomeric matrix protein
Target Name	cartilage oligomeric matrix protein
Other Names	MED; EDM1; EPD1; PSACH; THBS5
Accession No.	Swissprot:P49747Gene Accession:BC125092
Uniprot	P49747
GenelD	1311;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The protein encoded by this gene is a noncollagenous extracellular matrix (ECM) protein. It consists of five identical glycoprotein subunits, each with EGF-like and calcium-binding (thrombospondin-like) domains. Oligomerization results from formation of a five-stranded coiled coil and disulfides. Binding to other ECM proteins such as collagen appears to depend on divalent cations. Mutations can cause the osteochondrodysplasias pseudoachondroplasia (PSACH) and multiple epiphyseal dysplasia (MED).

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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