

COMP 抗原（重组蛋白）

中文名称： COMP 抗原（重组蛋白）

英文名称： COMP Antigen (Recombinant Protein)

别名： MED; EDM1; EPD1; PSACH; THBS5

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from C terminal 215 amino acids of human COMP

技术规格：

Full name:	cartilage oligomeric matrix protein
Synonyms:	MED; EDM1; EPD1; PSACH; THBS5
Swissprot:	P49747
Gene Accession:	BC125092
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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).

