

Cartilage Oligomeric Matrix Recombinant Protein | COMP recombinant protein

Recombinant Human Cartilage Oligomeric Matrix Protein, HEK

CATALOG # AAA38913	HOST HEK293
------------------------------	-----------------------

PRODUCT SYNONYMS

Cartilage Oligomeric Matrix; Recombinant Human Cartilage Oligomeric Matrix Protein; HEK; COMP HEK Human; Cartilage Oligomeric Matrix Protein HEK Human Recombinant; Cartilage Oligomeric Matrix Protein (pseudoachondroplasia epiphyseal dysplasia 1 multiple); MED; THBS5; TSP5; EDM1; PSACH; EPD1; Thrombospondin-5; COMP HEK; COMP recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293
Form/Format	COMP HEK Human was filtered (0.4 um) and lyophilized from 0.5 mg/ml supplied in 20mM TRIS and 50mM NaCl, pH 7.5
Sequence	<u>HVDYKDD DDKPAG</u> QGQSPLGSDL GPQMLRELQE TNAALQDVRE LLRQQVREIT FLKNTVMECD ACGMQQSVRT GLPSVRPLLH CAPGFCFPGV ACIQTESGAR CGPCPAGFTG NGSHCTDVNE CNAHPCFPRV RCINTSPGFR CEACPPGYSG PTHQGVGLAF AKANKQVCTD INECETGQHN CVPNSVCINT RGSFQCGPCQ PGFVGDAQSG CQRRARFCP DGSPSECHEH ADCVLERDGS RSCVCAVGWA GNGILCGRDT DLDGFPDEKL RCPERQCRKD NCVTPNSGQ EDVDRDGIGD ACDPADAGDG VPNEKDNCPV VRNPDQRNTD EDKWGDACDN CRSQKNDDQK DTDQDGRGDA CDDIDGDRI RNQADNCPRV PNSDQKSDSG DGIGDACDNC PQKSNPDQAD VDHDFVGDAC DSDQDQDGDG HQDSRDNCPT VPNSAQEDSD HDGQGDACDD DDDNDGVPDS RDNCRLVPNP GQEDADRDGV GDVCQDDFDA DKVVDKIDVC PENAEVTLTD FRAFQTVVLD PEGDAQIDPN WVLNQGRI VQTMNSDPGL AVGYTAFNGV DFEGTFHVNT VTDDDYAGFI FGYQDSSSFY VVMWKQMEQT YWQANPFRAV AEPGIQLKAV KSSTGPGEQL RNALWHTGDT ESQVRLWKD PRNVGWKDKK SYRWFLQHRP QVGYIRVRFY EGPELVADSN VVLDTTMRGG RLGVFCFSQE NIIWANLRYR CNDTIPEDYE THQLRQA
Sequence Length	757
Physical Appearance	Sterile Filtered White Lyophilized (freeze-dried) powder
Solubility	It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it on cell culture.
Preparation and Storage	Store lyophilized COMP HEK Human at -20 degree C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted COMP HEK can be stored at 4 degree C for a limited period of time; it does not show any change after two weeks at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for COMP recombinant protein	Description: COMP HEK Protein is a 82.4 kDa protein containing 750 aa fused to a 13 aa N-Terminal DYKDDDDK-tag.
Product Categories/Family for COMP recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	40217843
NCBI GeneID	1311
NCBI Accession #	NP_000086.2

NCBI GenBank Nucleotide #	NM_000095.2
UniProt Accession #	P49747 ; O14592 ; Q16388 ; Q16389 ; Q2NL86 ; Q8N4T2 ; B4DKJ3
NCBI Official Full Name	cartilage oligomeric matrix protein
NCBI Official Synonym Full Names	cartilage oligomeric matrix protein
NCBI Official Symbol	COMP
NCBI Official Synonym Symbols	MED; EDM1; EPD1; PSACH; THBS5
NCBI Protein Information	cartilage oligomeric matrix protein; TSP5; cartilage oligomeric matrix protein (pseudoachondroplasia, epiphyseal dysplasia 1, multiple); cartilage oligomeric matrix protein(pseudoachondroplasia, epiphyseal dysplasia 1, multiple); pseudoachondroplasia (epiphyseal dysplasia 1, multiple); thrombospondin-5
UniProt Protein Name	Cartilage oligomeric matrix protein
UniProt Gene Name	COMP
UniProt Synonym Gene Names	COMP; TSP5
UniProt Entry Name	COMP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/comp-recombinant-protein-hek293/38913>