

Cartilage Oligomeric Matrix Protein Human Recombinant, HEK

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| Item Number | rAP-3881 |
| Synonyms | Cartilage Oligomeric Matrix Protein (pseudoachondroplasia epiphyseal dysplasia 1 multiple), MED, THBS5, TSP5, EDM1, PSACH, EPD1, Thrombospondin-5. |
| Description | COMP HEK Protein is a 82.4 kDa protein containing 750 aa fused to a 13 aa N-Terminal FLAG-tag. |
| Uniprot Accesion Number | P49747 |
| Amino Acid Sequence | HVDYKDDDDK PAGQQQSPLG SDLGPQMLRE LQETNAALQD VRELLRQQVR EITFLKNTVM ECDAC-GMQQS VRTGLPSVRP LLHCAPGFCF PGVACIQTES GARGGPCPAG FTGNGSHCTD VNECNAHPCF PRVRCINTSP GFRCEACPPG YSGPTHQGVG LAFKANKQV CTDINECETG QHNCVPNSVC IN-TRGSFQCG PCQPGFVGQD ASGCQRRAR FCPDGPSEC HEHADCVLER DGSRSCVCAV GWAG-NGILCG RDTDLGFPD EKLRCPERQC RKDNCVTVPN SGQEDVDRDG IGDACDPDAD GDGVPNEKDN CPLVRNPQQR NTDEDKWGDA CDNCRSQKND DQKDTDQDGR GDACDDDDIDG DRIRNQADNC |
| Source | HEK293 |
| Physical Appearance and Stability | Store lyophilized COMP HEK Human at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted COMP HEK can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C. |
| Formulation and Purity | COMP HEK Human was filtered (0.4µm) and lyophilized from 0.5 mg/ml supplied in 20mM TRIS and 50mM NaCl, pH 7.5 |
| Application | |
| 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 o |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**