

32-3930: HAPLN1 Recombinant Protein

Alternative Name : Hyaluronan and proteoglycan link protein 1 precursor,CRTL1, Cartilage-linking protein 1, Cartilage-link protein, Proteoglycan link protein, HAPLN1.

Description

Source : Escherichia Coli. HAPLN1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 362 amino acids (16-354 a.a.) and having a molecular mass of 40.9kDa. HAPLN1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Hyaluronan And Proteoglycan Link Protein 1, which is also known as HAPLN1 is a part of the HAPLN family. HAPLN1 contains one Ig-like V-type domain and two Link domains. In the extracellular cartilage matrix, HAPLN1 stabilizes the aggregates of proteoglycan monomers by means of hyaluronic acid .

Product Info

Amount : 10 µg
Purification : Greater than 80.0% as determined by SDS-PAGE.
Content : HAPLN1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGS D H L S D N Y T L D H D R A I H I Q A E N G P H L L V E A E Q A K V F S H
R G G N V T L P C K F Y R D P T A F G S G I H K I R I K W T K L T S D Y L K E V D V F V S M G Y H K K T Y G G Y Q G R V F L K G G S D S D A
S L V I T D L T L E D Y G R Y K C E V I E G L E D D T V V V A L D L Q G V V F P Y F P R L G R Y N L N F H E A Q Q A C L D Q D A V I A S F D
Q L Y D A W R G G L D W C N A G W L S D G S V Q Y P I T K P R E P C G G Q N T V P G V R N Y G F W D K D K S R Y D V F C
F T S N F N G R F Y Y L I H P T K L T Y D E A V Q A C L N D G A Q I A K V G Q I F A A W K I L G Y D R C D A G W L A D G S V R Y P I S R P R
R R C S P T E A A V R F V G F P D K K H K L Y G V Y C F R A Y N.

