

## 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 DHLS DNY TLDH DRAIHI QAENGP HLLV EAEQAKVFSH  
RGGNVTL PCK FYRDP TAFGS GIHKIRIKWT KL TSDYLKEV DVFVSMGYHK KTYGGYQGRV FLKGGSDSDA  
SLVITDLTLE DYGRYKCEVI EGLEDDTVVV ALDLQGVVFP YFPRLGRY NL NFHEAQQACL DQDAVIASF  
QLYDAWRGGL DWCNAGWLS D GSVQYPITKP REPCGGQNTV PGVRNYGFWD KDKSRYDVFC  
FTSNFNGRFY YLIHPTKLTY DEAVQACLND GAQIAKVGQI FAAWKILGYD RCDAGWLADG SVRYPI SRPR  
RRCSPTEAAV RFVGFDPKKH KLYGVYCFRA YN.