

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 SSSLVPRGSH MGSDDLSDNY TLDHDIRIHI QAENGPLLLV EAEQAKVFSH
RGGNVTLPCK FYRDPYAFGS GIHKIRIKWT KLTSYDLKEV DVFVSMGYHK KTYGGYQGRV FLKGGSDSDA
SLVITDLTLE DYGRYKCEVI EGLEDDTVVV ALDLQGVVFP YFPRLGRYNL NFHEAQQACL DQDAVIASFD
QLYDAWRGGL DWCNAGWLSG GSVQYPITKP REPCGGQNTV PGVRNYGFWD KDKSRYDVFC
FTSNFNGRFY YLIHPTKLT Y DEAVQACLND GAQIAKVGQI FAAWKILGYD RCDAGWLADG SVRYPIRPR
RRCSPTEAAV RFVGFDPKHH KLYGVYCFRA YN.

