

Hyaluronan And Proteoglycan Link Protein 1 Human Recombinant

Item Number	rAP-4189
Synonyms	Hyaluronan and proteoglycan link protein 1 precursor, CRTL1, Cartilage-linking protein 1, Cartilage-link protein, Proteoglycan link protein, HAPLN1.
Description	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.
Uniprot Accession Number	P10915
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSDDLSDNY TLDHDRAIHI QAENGPLLLV EAEQAKVFSH RGG-NVTLPCK FYRDPTAFGS GIHKIRIKWT KLTSDYLKEV DVFVSMGYHK KTYGGYQGRV FLKGGSDSDA SLVITDLTLE DYGRYKCEVI EGLEDDTVVV ALDLQGVVFP YFPRLGRYNL NFHEAQQACL DQDAVIASFQ QLYDAWRGGL DWCNAGWLSG GSVQYPITKP REPCGGQNTV PGVRNYGFWD KDKSRYDVFC FTSNFNGRFY YLIHPTKLT Y DEAVQAQLND GAQIAKVGQI FAAWKILGYD RCDAGWLADG SVRYPI SRPR RRCSPTAAV RFVGFDPKKH KLYGVYCFRA YN.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	HAPLN1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 80.0% as determined by SDS-PAGE.
Application	
Solubility	
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**