

## Recombinant Human HAPLN1, His-tagged

Cat. No. HAPLN1-253H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	HAPLN1, 16-354 aa, Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	16-354aa
<b>Description</b>	<p>: HAPLN1 belongs to the HAPLN family. It contains 1 Ig-like V-type (immunoglobulin-like) domain and contains 2 Link domains. This protein stabilizes the aggregates of proteoglycan monomers with hyaluronic acid in the extracellular cartilage matrix. Recombinant human HAPLN1 protein, fused to His-tag at N-terminus, was expressed in E.coli.</p>
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
<b>Molecular Mass</b>	40.9kDa (362aa)
<b>AA Sequence</b>	<p>MGSSHHHHHH SSGLVPRGSH MGSDHLS DNY TLDHDRAIHI QAENGPLLLV            EAEQAKVFSH RGGNVTL PCK FYRDPTAFGS GIHKIRIKWT KLTS DYLKEV            DVFVSMGYHK KTYGGYQGRV FLKGGSDSDA SLVITDLTLE DYGRYKCEVI            EGLEDDTVVV ALDLQGVVFP YFPRLGRYNL NFHEAQQACL DQDAVIASFD            QLYDAWRGGL DWCNAGWLS D GSVQYPITKP REPCGGQNTV PGVRNYGFWD            KDKSRYDVFC FTSNFNGRFY YLIHPTKLT Y DEAVQACLND GAQIAKVGQI            FAAWKILGYD RCDAGWLADG SVRYPI SRPR RRCSPTEAAV RFVGFDPDKKH</p>

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	KLYGVYCFRA YN
<b>Purity</b>	>80% by SDS - PAGE
<b>Storage</b>	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	1 mg/ml (determined by Bradford assay)
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">HAPLN1</a> <a href="#">hyaluronan and proteoglycan link protein 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	HAPLN1
<b>Synonyms</b>	HAPLN1; hyaluronan and proteoglycan link protein 1; cartilage linking protein 1 , CRTL1; Cartilage link protein; cartilage-link protein; proteoglycan link protein; cartilage linking protein 1; cartilage-linking protein 1; CRTL1;
<b>Gene ID</b>	<a href="#">1404</a>
<b>mRNA Refseq</b>	<a href="#">NM_001884</a>
<b>Protein Refseq</b>	<a href="#">NP_001875</a>
<b>MIM</b>	<a href="#">115435</a>
<b>UniProt ID</b>	<a href="#">P10915</a>
<b>Chromosome Location</b>	5q14.3

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**Function**

binding; hyaluronic acid binding;

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