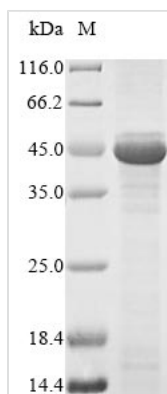




Recombinant Human Hyaluronan and proteoglycan link protein 1 (HAPLN1)

Product Code	CSB-EP010130HU
Relevance	Stabilizes the aggregates of proteoglycan monomers with hyaluronic acid in the extracellular cartilage matrix.
Abbreviation	Recombinant Human HAPLN1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P10915
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	DHLSDNYTLDDHRAIHQAENGPHLLVEAEQAKVFSHRGGNVTLPCKFYRDPT AFSGSIHKIRIKWTKLTSDYLKEVDVVFVSMGYHKKTYGGYQGRVFLKGGSDSD ASLVITDLTLEDYGRYKCEVIEGLEDDTVVVALDLQGVVFPYFPRLGRYNLNFH EAQQACLDQDAVIASFDQLYDAWRGGLDWCNAGWLSDGSVQYPITKPREPC GGQNTVPGVRNYGFWDKDKSRYDVCFTSNFNGRFYLIHPTKLTIDEAVQA CLNDGAQIAKVGQIFAAWKILGYDRCDAGWLADGSVRYPISRPRRRCSPTAA VRFVGFDPDKKHKLGVYCFRAYN
Research Area	Signal Transduction
Source	E.coli
Target Names	HAPLN1
Protein Names	Cartilage-linking protein 1 Short name: Cartilage-link protein Proteoglycan link protein CRTL1
Expression Region	16-354aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	44.0 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.