

Recombinant Mouse HAPLN1 Protein (10-356 aa), His-tagged

Cat. No. HAPLN1-1819M Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Mouse HAPLN1 Protein (10-356 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Mature Protein.

Species Mouse

Source Yeast

ProteinLength 10-356 aa

Description Stabilizes the aggregates of proteoglycan monomers with hyaluronic acid in the Extracellular domain cartilage matrix.

Form Tris-based buffer, 50% glycerol

Molecular Mass 41.4 kDa

AA Sequence

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ISVCWADHHLSDSYTPPDQDRVIHIQAENGRLLVEAEQAKVFSHRGGNVTLPCKFY
RDPTAFGSGIHKIRIKWTKLTSDYLREVDV FVSMGYHKKTYGGYQGRVFLKGGSDN
DASLVITDLTLEDYGRYKCEVIEGLEDDTAVVALELQGVVFPYFPRLGRYNLNFHEAR
QACLDQDAVIASFDQLYDAWRGGLDWCNAGWLS DGSVQYPITKPREPCGGQNTV
PGVRNYGFWDKDKSRYDVFCFTSNFNGRFY YLIHPTKLTIDEAVQACLNDGAQIAK
VGQIFAAWKLLGYDRCDAGWLADGSVRYPI SRPRRRRCSPTEAAVRFVGFDPDKKHKL
YGVYCFRAYN
```

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

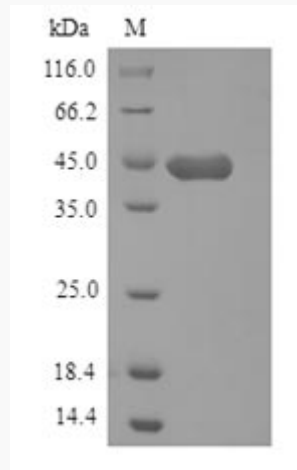
GENE INFORMATION

Gene Name	Hapln1 hyaluronan and proteoglycan link protein 1 [Mus musculus]
Official Symbol	HAPLN1
Synonyms	HAPLN1; link protein; LP; CLP; LP-1; Crtl1; Crtl1l; BB099155;
Gene ID	12950
mRNA Refseq	NM_013500
Protein Refseq	NP_038528
UniProt ID	Q9QUP5

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

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