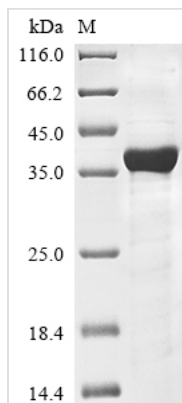




# Recombinant Human Hyaluronan and proteoglycan link protein 2 (HAPLN2)

<b>Product Code</b>	CSB-EP010131HU
<b>Abbreviation</b>	Recombinant Human HAPLN2 protein
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9GZV7
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	DPASHPGPHYLLPPIHEVIHSHRGATATLPCVLGTTPPSYKVRWSKVEPGELR ETLILITNGLHARGYGPLGGRARMRRGHRDASLVIAGVRLEDEGRYRCELING IEDESVALTSLLEGVVFPYQPSRGYQFNYYEAKQACEEQDGRLATYSQLYQA WTEGLDWCNAGWLLEGSVRYPVLTARAPCGGRGRPGIRSYGPRDRMRDRY DAFCFTSALAGQVFFVPGRLTLSEAHAAACRRRGAVVAKVGHLYAAWKFSGLD QCDGGWLADGSVRFPITTPRPRCGGLPDPGVRSFGFPRPQQAAYGTICYAE N
<b>Research Area</b>	Neuroscience
<b>Source</b>	E.coli
<b>Target Names</b>	HAPLN2
<b>Protein Names</b>	Recommended name: Hyaluronan and proteoglycan link protein 2 Alternative name(s): Brain link protein 1
<b>Expression Region</b>	27-340aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 10xHis-tagged
<b>Mol. Weight</b>	40.8 kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	



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

## Description

The gene responsible for the Human HAPLN2 protein (27-340aa) is incorporated into a plasmid vector, forming recombinant plasmid. The resulting recombinant plasmid is introduced into e.coli cells, from which cells survive in the presence of a specific antibiotic are selected. The selected e.coli cells containing the recombinant plasmid are cultured under conditions that facilitate the expression of the gene of interest. A N-terminal 10xHis tag is linked to the protein. After expression, affinity purification is used to isolate and purify the recombinant Human HAPLN2 protein from the cell lysate. Denaturing SDS-PAGE is employed to resolve the resulting recombinant Human HAPLN2 protein, revealing a purity greater than 85%.

## 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.