

Recombinant Full Length Human HAPLN1 Protein, GST-tagged

Cat. No. HAPLN1-3355HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HAPLN1 full-length ORF (AAH57808, 1 a.a. - 354 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	354 amino acids
Description	HAPLN1 (Hyaluronan And Proteoglycan Link Protein 1) is a Protein Coding gene. Diseases associated with HAPLN1 include Cerebral Creatine Deficiency Syndrome 3 and Cerebral Creatine Deficiency Syndrome 2. Among its related pathways are Phospholipase-C Pathway and ERK Signaling. GO annotations related to this gene include extracellular matrix structural constituent and hyaluronic acid binding. An important paralog of this gene is HAPLN3.
Molecular Mass	64.68 kDa
AA Sequence	MKSLLLLVLISICWADHLSDNYTLDH DRAIHQAENGPHLLVEAEQAKVFSHRGGNVT LPCKFYRDPTAFGSGIHKIRIKWTKLTSDYLKEVDV FVSMGYHKKTYGGYQGRVFLK GGSDSDASLVITDLTLEDYGRYKCEVIEGLEDDTVVVALDLQGVVFPYFPRLGRYNL NFHEAQQACLDQDAVIASFQLYDAWRGGLDWCNAGWLS DGSVQYPITKPREPCG GQNTVPGVRNYGFWDKDKSRYDVFCFTSNFNGRFYYLIHPTKLT YDVAVQACLND GAQIAKVGQIFA AWKILGYDRCDAGWLADGSVRYPI SRPRRRCSPT EAAVRFVGFP DKKHKLYGVYCFRAYN

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HAPLN1 hyaluronan and proteoglycan link protein 1 [Homo sapiens]
Official Symbol	HAPLN1
Synonyms	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;
Gene ID	1404
mRNA Refseq	NM_001884
Protein Refseq	NP_001875
MIM	115435
UniProt ID	P10915

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