



# Recombinant Human Harmonin (USH1C)

<b>Product Code</b>	CSB-MP896761HU
<b>Abbreviation</b>	USH1C
<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>	Q9Y6N9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MDRKVAREFRHKVDFLIENDAEKDYLYDVLRLMYHQTMDDVAVLVGDLKLVINEP SRLPLFDAIRPLIPLKHQVEYDQLTPRRSRKLKEVRLDRLHPEGLGLSVRGGLE FGCGLFISHLIKGGQADSVGLQVGDIVRINGYSISSCTHEEVINLIRTKKTVSIK VRHIGLIPVKSSPDEPLTWQYVDQFVSESGGVRGSLGSPGNRENKEKKVFISL VGSRGLGCSISSGPIQKPGIFISHVKPGSLSAEVGLEIGDQIVEVNGVDFSNLDH KEGRELFMTDRERLAEARQRELQRQELLMQKRLAMESNKILQEQQEMERQR RKEIAQKAAEENERYRKEMEQIVEEEEEKFKKQWEEDWGSKEQLLLPKTITAEV HPVPLRKPKYDQGVEPELEPADDLDGGTEEQGEQDFRKYEEGFDPYSMFTP EQIMGKDVRLRLRIKKEGSLDLALEGGVDSPIGKVVVSAVYERGAERHGGIVK GDEIMAINGKIVTDYTLAEADAALQKAWNQGGDWIDLVVAVCPPKEYDDELTF F
<b>Source</b>	Mammalian cell
<b>Target Names</b>	USH1C
<b>Protein Names</b>	Recommended name: Harmonin Alternative name(s): Antigen NY-CO-38/NY-CO-37 Autoimmune enteropathy-related antigen AIE-75 Protein PDZ-73 Renal carcinoma antigen NY-REN-3 Usher syndrome type-1C protein
<b>Expression Region</b>	1-533
<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>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein of Isoform 4
<b>Target Details</b>	This gene encodes a scaffold protein that functions in the assembly of Usher protein complexes. The protein contains PDZ domains, a coiled-coil region with a bipartite nuclear localization signal and a PEST degradation sequence. Defects in this gene are the cause of Usher syndrome type 1C and non-syndromic sensorineural deafness autosomal recessive type 18. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Reconstitution</b>	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.

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