



Recombinant Human Harmonin (USH1C)

Product Code	CSB-EP896761HU-B
Abbreviation	USH1C
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.	Q9Y6N9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MDRKVAREFRHKVDFLIENDAEKDYLYDVLRLMYHQTMDEVAVLVGDLKLVINEP SRLPLFDAIRPLIPLKHQVEYDQLTPRRSRKLKEVRLDRLHPEGLGLSVRGGLE FGCGLFISHLIKGGQADSVGLQVGDIVRINGYSSCTHEEVINLIRTKKTVSIK VRHIGLIPVKSSPDEPLTWQYVDQFVSESGGVRGSLGSPGNRENKEKKVFISL VGSRGLGCSISSGPIQKPGIFISHVKPGSLSAEVGLEIGDQIVEVNGVDFSNLDH KEGRELFMTDRERLAEARQRELQRQELLMQKRLAMESNKILQEQQEMERQR RKEIAQKAAEENERYRKEMEQIVEEEEEKFKKQWEEDWGSKEQLLLPKTITAEV HPVPLRKP KYDQGVEPELEPADDLDGGTEEQGEQDFRKYEEGFDPYSMFTP EQIMGKDVRLRLRIKKEGSLDLAEGGVDSPIGKVVVSAVYERGAERHGGIVK GDEIMAINGKIVTDYTLAEADAALQKAWNQGGDWIDLVVAVCPPKEYDDELTF F
Source	E.coli
Target Names	USH1C
Protein Names	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
Expression Region	1-533
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein of Isoform 4
Target Details	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.
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.