

Usher Syndrome 1C Human Recombinant

Item Number	rAP-4432
Synonyms	Harmonin, Usher syndrome type-1C protein, Autoimmune enteropathy-related antigen AIE-75, Antigen NY-CO-38/NY-CO-37, PDZ-73 protein, Renal carcinoma antigen NY-REN-3, USH1C, AIE75, PDZ73, AIE-75, DFNB18, PDZ-45, NY-CO-37, NY-CO-38, ush1cpst, PDZ-73/NY-CO-3
Description	USH1C Human Recombinant fused with a 37 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 570 amino acids (1-533 a.a.) and having a molecular mass of 64.6kDa. The USH1C is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9Y6N9
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMDR KVAREFRHKV DFLIENDA EK DYLYDVL RMY HQTMDVAVLV GDLKLVINEP SRLPLFDAIR PLIPLKHQVE YDQLTPRRSR KLKEVRLDRL HPEGLGLSVR GGLEFGCGLF ISHLIKGGQA DSVGLQVGDE IVRINGYSIS SCTHEEVINL IRTKKTVSIK VRHIGLIPVK SSPDEPLTWQ YVDQFVSESG GVRGSLGSPG NRENKEKKVF ISLVGSRGLG CSISSGPIQK PGIFISHVKP GLSAEVGL EIGDQIVEVNG VDFSNLDHKE GRELFMTDRE RLAEARQREL QRQELLMQKR LAMESNKILQ EQQEMERQRR KEIAQKAAEE NERYRKEMEQ IVEEEEEKFKK QWEED-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	USH1C protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 20% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**