

Harmonin Recombinant Protein | USH1C recombinant protein

Harmonin, 1-533aa, Human, His tag, E Coli

CATALOG # AAA48542	HOST E Coli	APPLICATIONS SDS-Page
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PRODUCT SYNONYMS

Harmonin; 1-533aa; Human; His tag; E Coli; uSH1C; AIE-75; DFNB18; NY-CO-37; NY-CO-38; PDZ-45; PDZ-73; PDZ-73/NY-CO-38; AIE 75; AIE75; Antigen NY CO 38/NY CO 37; Autoimmune enteropathy related antigen AIE 75; Autoimmune enteropathy related antigen AIE75; Deafness autosomal recessive 18; DFNB 18; NY CO 37; NY CO 38; PDZ 45; PDZ 73; PDZ 73 protein; PDZ 73/NY CO 38; PDZ45; PDZ73; PDZ73 protein; Renal carcinoma antigen NY REN 3; uSH 1C; ush1cpst; usher syndrome 1C; usher syndrome type 1C protein; usher syndrome 1C (autosomal recessive severe).; USH1C recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 20% glycerol.
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMDR KVAREFRHKV DFLIENDA EK DYLYDVLRMY HQTMDVAVLV GDLKLVINEP SRLPLFDAIR PLIPLKHQVE YDQLTPRRSR KLKEVRDLRL HPEGLGLSVR GGLEFGCGLF ISHLIKGGQA DSVGLQVGDE IVRINGYSIS SCTHEEVINL IRTKKT VSIK VRHIGLIPVK SSPDEPLTWQ YVDQFVSESG GVRGSLGSPG NRENKEKKVF ISLVGSRGLG CSISSGPIQK PGIFISHVKP GSLSAEVGLE IGDQIVEVNG VDFS NLDHKE GRELFMTDRE RLAEARQREL QRQELLMQKR LAMESNKILQ EQQEMERQRR KEIAQKAAEE NERYRKEME Q IVEEEEEFKK QWEEDWGSKE QLLLPKTITA EVHPVPLRKP KYDQGVEPEL EPADDLDGGT EEQGEQDFRK YEEGFDPYSM FTPEQIMGKD VRLLRIKKEG SLDLALEGGV DSPIGKVVVS AVYERGAAER HGGIVKGDEI MAINGKIVTD YTLAEADAAL QKAWNQGGDW IDLVVAVCPP KEYDDELTF
Sequence Length	533
Applicable Applications for USH1C recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for USH1C recombinant protein	Harmonin, product encoded by uSH1c gene, is a scaffold protein that functions in the assembly of usher protein complexes. usher syndrome type I caused by mutations in uSH1C is an autosomal recessive sensory defect involving congenital profound sensorineural deafness, vestibular dysfunction, and blindness due to progressive retinitis pigmentosa. Harmonin has the ability to bind to many other proteins in cell membranes and coordinates their activities. Recombinant human Harmonin protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography.
Product Categories/Family for USH1C recombinant protein	Cell Cycle
References	Siemens J., et al. (2002). Proc Natl Acad Sci u S A. 99 (23):14946-51.; Ouyang XM., et al. (2002). Hum Genet. 111 (1):26-30.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	16359185
NCBI GeneID	10083
Molecular Weight	64.6 kDa (570aa)
NCBI Official Full Name	USH1C protein
NCBI Official Synonym Full Names	USH1 protein network component harmonin
NCBI Official Symbol	USH1C
NCBI Official Synonym Symbols	PDZ73; AIE-75; DFNB18; PDZ-45; PDZ-73; PDZD7C; DFNB18A; NY-CO-37; NY-CO-38; ush1cpst; PDZ-73/NY-CO-38
NCBI Protein Information	harmonin
UniProt Protein Name	Harmonin
UniProt Gene Name	USH1C
UniProt Synonym Gene Names	AIE75

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.