
Harmonin, 1-533aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP02400

3th Edition

Synonyms:USH1C, AIE-75, DFNB18, NY-CO-37, NY-CO-38, PDZ-45, PDZ-73, PDZ-73/NY-CO-38.

Description: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.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol.

Molecular Weight:64.6 kDa (570aa)

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMDRQVAREFRHKVDFLIENDA EKDYLYDVL RMYHQ
TMDVAVLVGDLKLVINEPSRLPLFDAIRPLIPLKHQVEYDQLTPRRSRKLKEVRLDRLHPEGLGLSVRGGLEFGCGLF
ISHLIKGGQADSVGLQVGDEIVRINGYSISSCTHEEVINLIRTKKTVSIKVRHIGLIPVKSSPDEPLTWQYVDQFVSESG
GVRGSLGSPGNRENKEKKVFISLVGSRGLGCSISSGPIQKPGIFISHVKPGSLSAEVGLEIGDQIVEVNGVDFSNLDH
KEGRELFMTDRERLAEARQRELQRQELLMQKRLAMESNKILQEQQEMERQRRKEIAQKAAEENERYRKEMEQIVE
EEEKFKKQWEEDWGSKEQLLLPKTITAEVHPVPLRKP KYDQGV EPELEPADDLDGGTEEQGEQDFRKYEEGFDPY
SMFTPEQIMGKDVRLRLRIKKEGSLDLAEGGVDSPIGKVVVSAVYERGA AERHGGIVKGD EIMAIN GKIVTDYTLAEA
DAALQKAWNQG GDWIDL VVAVCPPKEYDDEL TFF

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.