Datasheet for ABIN5712005

# USH1C Protein (AA 1-533) (His-SUMO Tag)

Go to Product page

## 1 Image

## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | USH1C |
| Protein Characteristics: | AA 1-533 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This USH1C protein is labelled with His-SUMO Tag. |
| Application: | SDS-PAGE (SDS) |

## Product Details

| | |
|---|---|
| Sequence: | MDRKVAREFR HKVDFLIEND AEKDYLYDVL RMYHQTMDVA VLVGDLKLVI NEPSRLPLFD AIRPLIPLKH QVEYDQLTPR RSRKLKEVRL DRLHPEGLGL SVRGGLEFGC GLFISHLIKG GQADSVGLQV GDEIVRINGY SISSCTHEEV INLIRTKKTV SIKVRHIGLI PVKSSPDEPL TWQYVDQFVS ESGGVRGSLG SPGNRENKEK KVFISLVGSR GLGCSISSGP IQKPGIFISH VKPGSLSAEV GLEIGDQIVE VNGVDFSNLD HKEGRELFMT DRERLAEARQ RELQRQELLM QKRLAMESNK ILQEQQEMER QRRKEIAQKA AEENERYRKE MEQIVEEEEK FKKQWEEDWG SKEQLLLPKT ITAEVHPVPL RKPKYDQGVE PELEPADDLD GGTEEQGEQD FRKYEEGFDP YSMFTPEQIM GKDVRLLRIK KEGSLDLALE GGVDSPIGKV VVSAVYERGA AERHGGIVKG DEIMAINGKI VTDYTLAEAD AALQKAWNQG GDWIDLVVAV CPPKEYDDEL TFF |
| Purification: | SDS-PAGE |
| Purity: | > 90 % |

## Target Details

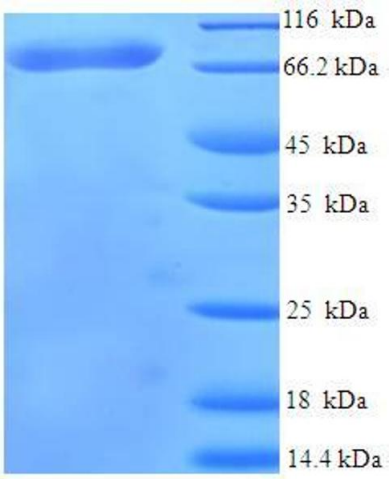
| | |
|---|---|
| Target: | USH1C |
| Alternative Name: | USH1C (USH1C Products) |
| Background: | Required for normal development and maintenance of cochlear hair cell bundles. Anchoring/scaffolding protein that is a part of the functional network formed by USH1C, USH1G, CDH23 and MYO7A that mediates mechanotransduction in cochlear hair cells. Required for normal hearing . |
| Molecular Weight: | 76.3 kDa |
| UniProt: | Q9Y6N9 |
| Pathways: | Sensory Perception of Sound |

## Application Details

| | |
|---|---|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Concentration: | 0.1-2 mg/mL |
| Buffer: | 20 mM Tris-HCl based buffer, pH 8.0 |
| Storage: | -80 °C,4 °C,-20 °C |
| Storage Comment: | Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |




**SDS-PAGE**

**Image 1.**

 Copyright antibodies-online. All rights reserved.