

Product Information

MemDX™ Membrane Protein Human CNST (Consortin, connexin sorting protein) Full

Length

Cat. No.: **MPC2995K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human CNST membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

CNST

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MDDSDTPTYYLQIEPQDGCHPGDSVERSVTCLPSASDENENQLDGDGHEH
LTSSDSAMGKPQVSEQDSLNNNESCTLSCEVAAGENLQNTLCEASRDEQA
FLGDKDKIPGKRSPRSKKGTAKKIPPGLFSGDIAPLMQEKVLSAVTYAVD
DEEAAEVNANEQPEAPKLVLSLIRGEVEQLDSRALPLCLHQIAESY
FQEEDYEKAMKFIQLERLYHEQLLANLSAIQEQWETKWKTVPHTVTALR
NSEKGFNGEDFERLTKICATHQDPLLSKHKIAAVEKSQERKCSTQLLVSE
DPKEGGATTKESESKTCLGTESSKESQHTVEPLGSSPCCHQMDVQTDSPS
LSVTAGKDHMEELLCSAEATLALHTQSSETAGSPSPGPDSSDACEDDSRL
QLAQTEACQDVARIEGIAEDPKVFLSSKSKTEPLISPGCDRIPPALISEG
KYSQAQRKELRLPLRDASEALPTDQLENNELNELQQPDLTSDGKSPQAAQ
ADSDGSENVLCGNNQISDLGILLPEVCMAPEEKGDKDDQLNKETEDYLN
LLEGCLKDTEDSLSEYEDNQDDSDLLQDLSPEEASYSLENLPSDESCLS
LDDLAKRIEIAEVVPTGLVLSILKKRNDTVGDHPAQMQHKPSKRRVRFQE
IDDSLDQDEVGGGSCILLVLLCIATVFLSVGGTALYCTFGDMESPVCTDF
ADNMDFYYTKLLQGVAELKHWIYLS

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

CNST

Full Name

Consortin, connexin sorting protein

Introduction

Targeting of numerous transmembrane proteins to the cell surface is thought to depend on their recognition by cargo receptors that interact with the adaptor machinery for anterograde traffic at the distal end of the Golgi complex. Consortin (CNST) is an integral membrane protein that acts as a binding partner of connexins, the building blocks of gap junctions, and acts as a trans-Golgi network (TGN) receptor involved in connexin targeting to the plasma membrane and recycling from the cell surface.

Alternative Names

CNST; C1orf71; PPP1R64; consortin; protein phosphatase 1, regulatory subunit 64; Consortin, connexin sorting protein

Gene ID

[163882](#)

UniProt ID

[Q6PJW8](#)