CDH3 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	CDH3, Lysate
Full Product Name	Human CDH3 Protein Lysate
Product Gene Name	CDH3 lysate
Product Synonym Names	CDH3; CDHP; HJMD; PCAD
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	86,552 Da
OMIM	114021
3D Structure	ModBase 3D Structure for P22223
Related Product Information for CDH3 lysate	Human CDH3 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of CDH3 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CDH3 purchase	MBS139172 is a lysate targeting CDH3. Also known as Human CDH3 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CDH3. It may not necessarily be applicable to this product.

NCBI GI #	14589891
NCBI GeneID	1001
NCBI Accession #	NP_001784
UniProt Primary Accession #	P22223
UniProt Secondary Accession #	Q05DI6; B2R6F4
UniProt Related Accession #	P22223
GenBank Nucleotide #	NM_001793
NCBI Official Full Name	cadherin-3 preproprotein
NCBI Official Synonym Full Names	cadherin 3, type 1, P-cadherin (placental)
NCBI Official Symbol	CDH3
NCBI Official Synonym Symbols	CDHP; HJMD; PCAD
UniProt Protein Name	Cadherin-3
UniProt Synonym Protein Names	Placental cadherin

UniProt Gene Name	CDH3
UniProt Synonym Gene Names	CDHP; P-cadherin
UniProt Entry Name	CADH3_HUMAN
NCBI Protein Information	cadherin-3; calcium-dependent adhesion protein, placental
UniProt Comments for CDH3	CDH3: Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. Interacts with CDCP1. Expressed in some normal epithelial tissues and in some carcinoma cell lines. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Cell adhesion; Motility/polarity/chemotaxis; Membrane protein, integral Chromosomal Location of Human Ortholog: 16q22.1 Cellular Component: cell-cell adherens junction; cytoplasm; integral to membrane; plasma membrane Molecular Function: calcium ion binding Biological Process: response to drug; positive regulation of insulin-like growth factor receptor signaling pathway; intercellular junction assembly and maintenance; wound healing; positive regulation of melanin biosynthetic process; Wnt receptor signaling pathway through beta-catenin; retinal homeostasis; negative regulation of transforming growth factor-beta2 production; hair cycle process; cell-cell adhesion; positive regulation of monophenol monooxygenase activity; negative regulation of catagen; visual perception; keratinization; cell adhesion; homophilic cell adhesion Disease: Ectodermal Dysplasia, Ectrodactyly, And Macular Dystrophy Syndrome; Hypotrichosis, Congenital, With Juvenile Macular Dystrophy
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