

Product datasheet for **TP724791**

P cadherin (CDH3) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Cadherin-3/CDH3 (C-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Glu25-Gly654
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4
Note:	Recombinant Human Cadherin-3 is produced by our Mammalian expression system and the target gene encoding Glu25-Gly654 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	1001
UniProt ID:	P22223
Summary:	Cadherin-3 (CDH3), also known as placental cadherin, is a single-pass type I membrane protein that belongs to the cadherin superfamily. CDH3 is expressed in some normal epithelial tissues and some carcinoma cell lines. CDH3 is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region, and a highly conserved cytoplasmic tail. It preferentially binds to one another in a homophilic manner. CDH3 plays a role in development, specifically in tissue formation. CDH3 is also involved in the loss of heterozygosity events in breast and prostate cancer. Mutations in CDH3 have been associated with congenital hypotrichosis with juvenile macular dystrophy.



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