

## Product datasheet for **TP727394**

### Cdh3 Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Cadherin-3/P-Cadherin/CDH3 (C-Fc)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Glu100-Gly647
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse Cadherin-3 is produced by our Mammalian expression system and the target gene encoding Glu100-Gly647 is expressed with a Fc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	12560
UniProt ID:	<a href="#">P10287</a>
Summary:	Cadherin-3 (CDH3) is a single-pass type I membrane protein that belongs to the cadherin superfamily. CDH3 is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region, and a highly conserved cytoplasmic tail. CDH3 is expressed in some normal epithelial tissues and in some carcinoma cell lines. CDH3 preferentially interacts with themselves in a homophilic manner in connecting cells. CDH3 is involved in 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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