

Product datasheet for **TP726958**

Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Cadherin-3/CDH3(C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Glu25-Gly654
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
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.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Synonyms:	Cadherin-3; Placental Cadherin; P-Cadherin; CDH3; CDHP
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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