

Product datasheet for **TP726967**

Cadherin 8 (CDH8) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Cadherin-8/CDH8 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala30-Met621
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Human Cadherin-8 is produced by our Mammalian expression system and the target gene encoding Ala30-Met621 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
Locus ID:	1006
UniProt ID:	P55286
Synonyms:	Cadherin-8; CDH8
Summary:	Cadherin-8 (CDH8) is a type II classical cadherin from the cadherin superfamily. Member of the Cadherin superfamily are integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small highly conserved C-terminal cytoplasmic domain. Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells. The extracellular domain of CDH8 contains five cadherin domains. CDH8 is expressed in brain and is putatively involved in synaptic adhesion, axon outgrowth and guidance.
Protein Families:	Transmembrane



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