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Product datasheet for TP502414

Cldn9 (NM_020293) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse claudin 9 (Cldn9), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202414 representing NM_020293 Red=Cloning site Green=Tags(s) MASTGLELLGMTLAVLGWLGTLVSCALPLWKVTAFIGNSIVVAQVVWEGLWMSCVVQSTGQMQCKVYDSL LALPQDLQAARALCVVALLLALLGLLVAITGAQCTTCVEDEGAKARIVLTAGVLLLLSGILVLIPVCWTA HAIIQDFYNPLVAEALKRELGASLYLGWAAAALLMLGGGLLCCTCPPSHFERPRGPRLGYSIPSRSGASG LDKRDYV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	23.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_064689
Locus ID:	56863
UniProt ID:	Q9Z0S7

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RefSeq Size:	1443
Cytogenetics:	17 A3.3
RefSeq ORF:	651
Synonyms:	nmf32; nmf329
Summary:	This intronless gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. This gene is developmentally regulated; it is expressed in neonate kidney, but disappers by adulthood. It is required for the preservation of sensory cells in the hearing organ and the gene deficiency is associated with deafness. [provided by RefSeq, Aug 2010]