

Recombinant Human CDH9 protein, His-tagged

Cat. No. CDH9-7751H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH9(Ile22-Ala615) fused with His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Protein Length	Ile22-Ala615
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.2
AA Sequence	ILLQEKPN SYLSSKKIVGLTKDDGKMLRRTKRGWMWNQFFLLEEYTGTDQYVGKL HTDQDKGDGNLKYILTGDGAGSLFVIDENTGDIHAAKKLDREKSLYLRAKAIDRKT GRQVEPESEFIIKIHNDNEPKFTKDLYTASVPEM SGVGTSVIQVTATDADDANYGN SAKVVYSILQGQPYFSVDPESGIIKTALPDMSRENREQYQVVIQAKDMGGQMG GLS GTTTVNITLTDVNNNPPRFPQSTYQFNSPESVPLGTHLGRIKANDPDVGENAEMEYS IAEGDGADMFDVITD KDTQEGII TVKQNLDFENQMLYTLRVDASNTHPDPRFLHLGP FKDTAVVKISVEDIDEPPVFTKVSYLIEVDEDV KEGSIIGQVTAYDPDARNNLIKYSVD RHTDMDRIFGIHSENGSIFTLKALDRESSPWHNITVTATEINNPKQSSH IPVFIRILDIN DHAPEFAMYYETFCENAKPGQLIQTVSVMDKDDPPRGHKFFFEPVPEFTLNPFTI VDNKDNT AGIMTRKDGYSRNKMSTYLLPILIFDNDYPIQSSTGTLTIRVCACDNQGN MQSCTAEALILSAGLSTGAVDHHHH HH
Endotoxin	Less than 0.1 ng/µg (1 IEU/µg).

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Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at < -20 centigrade, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 centigrade for 2-7 days. Aliquots of reconstituted samples are stable at < -20 centigrade for 3 months.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.

GENE INFORMATION

Gene Name	CDH9 cadherin 9, type 2 (T1-cadherin) [Homo sapiens]
Official Symbol	CDH9
Synonyms	CDH9; cadherin 9, type 2 (T1-cadherin); cadherin-9; T1-cadherin; MGC125386;
Gene ID	1007
mRNA Refseq	NM_016279
Protein Refseq	NP_057363
MIM	609974
UniProt ID	Q9ULB4
Chromosome Location	5p14
Pathway	Adherens junctions interactions, organism-specific biosystem; Cell junction

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organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem;

Function

calcium ion binding; molecular_function;

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