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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CLDN5 (Human) Recombinant Protein (P01)

Catalog Number: H00007122-P01

Regulation Status: For research use only (RUO)

Product Description: Human CLDN5 full-length ORF (NP_003268.1, 1 a.a. - 218 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGSAALEILGLVLCLVGVGGLILACGLPMWQVTAFLD
HNIVTAQTTWKGLWMSCVVQSTGHMQCKVYDSVLAL
STEVQAARALTVSAVLLAFVALFVTLAGAQTTCVAPG
PAKARVALTGGVLYLFCGLLALVPLCWANIVVREFYD
PSVPVSQKYELGAALYIGWAATALLMVGCGLLCCGAW
VCTGRPDLSFPVKYSAPRRPTATGDYDKKNYV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 49.5

Interspecies Antigen Sequence: Mouse (92); Rat (91)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 7122

Gene Symbol: CLDN5

Gene Alias: AWAL, BEC1, CPETRL1, TMVCF

Gene Summary: This 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. Mutations in this gene have been found in patients with velocardiofacial syndrome. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]