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- Diagnostik & molekulare Diagnostik
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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CLDN19 (Human) Recombinant Protein (P01)

Catalog Number: H00149461-P01

Regulation Status: For research use only (RUO)

Product Description: Human CLDN19 full-length ORF (AAH30524, 1 a.a. - 211 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MANSGLQLLGYFLALGGWVGIIASTALPQWKQSSYAG
DAIITAVGLYEGLWMSCASQSTGQVQCKLYDSLLALD
GHIQSARALMVVAVLLGFVAMVLSVVGMKCTRVGDSN
PIAKGRVAIAGGALFILAGLCTLTAVSWYATLVTQEFFN
PSTPVNARYEFGPALFVGWASAGLAVLGGSFLCCTCP
EPERPNSSPQPYRPGPSAAAREYV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 48.95

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: 149461

Gene Symbol: CLDN19

Gene Alias: -

Gene Summary: The product of this gene belongs to the claudin family. It plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity. Defects in this gene are the cause of hypomagnesemia renal with ocular involvement (HOMGO). HOMGO is a progressive renal disease characterized by primary renal magnesium wasting with hypomagnesemia, hypercalciuria and nephrocalcinosis associated with severe ocular abnormalities such as bilateral chorioretinal scars, macular colobomata, significant myopia and nystagmus. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]