

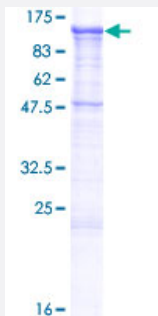
Full-Length

CDH19 (Human) Recombinant Protein (P01)

Catalog # H00028513-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CDH19 full-length ORF (NP_066976.1, 1 a.a. - 772 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNCYLLLRFMLGIPLLWPCLGATENSQTKKVKQPVRSHLRVKGWVWNQFFVPEEMNTTSHHIG
QLRSDLDNGNNSFYKLLGAGAGSTFIIDERTGDIYAIQKLDREERSLYLRAQVIDIATGRAVEPESE
FVIKVSINDNEPKFLDEPYEAVPEMSPEGTLVIQVTASDADDPSSGNNARLLYSLQGQPYFSV
EPTTGVIIRISSKMDRELQDEYWWIIQAKDMIGQPGALSGTTSVLIKLSDVNDNKPIFKESLYRLTVSE
SAPTGTSIGTIMAYDNDIGENAEMDYSIEEDDSQTFDIITNHETQEGVILKKKVD FEHQNHYGIRAKV
KNHHVPEQLMKYHTEASTTFIKQVEDVDEPPLFLLPYVFEVFEETPQGSFVGVSATDPDNRKS
PIRYSITRSKVFNINDNGTITTSNSLDREISAWYNLSITATEKYNIEQISSIPLYQVLNINDHAPEFSQYY
ETYVCENAGSGQVIQTISAVDRDESIEEHFYFNLSVEDTNSSFTIIDNQDNTAVILTNRTGFNLQE
EPVFIYISILIADNGIPSLTSTNTLTIHVCD CGDSGSTQTCQYQELVLSMGFKTEVIAILICIMIFGFIFLTL
GLKQRRKQLFPEKSEDFRENIFQYDDEGGGEEDTEAFDIAELRSSTIMRERKTRKTTSAEIRSLYR
QSLQVGPDSAIFRKFILEKLEEANTDPCAPPFDSLQTYAFEGTGLAGSLSSLES AVSDQDES YD
YLNELGPRFKRLACMFGSAVQSNN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

113.4

Interspecies Antigen Sequence

Mouse (75); Rat (76)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CDH19

Entrez GeneID	28513
GeneBank Accession#	NM_021153.2
Protein Accession#	NP_066976.1
Gene Name	CDH19
Gene Alias	CDH7, CDH7L2
Gene Description	cadherin 19, type 2
Omim ID	603016
Gene Ontology	Hyperlink

Gene Summary	This gene is a type II classical cadherin from the cadherin superfamily and one of three cadherin 7-like genes located in a cluster on chromosome 18. The encoded membrane protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a trans membrane region and a highly conserved cytoplasmic tail. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Since disturbance of intracellular adhesion is a prerequisite for invasion and metastasis of tumor cell s, cadherins are considered prime candidates for tumor suppressor genes. [provided by RefSeq
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Other Designations

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