

Full-Length

MUPCDH (Human) Recombinant Protein (P01)

Catalog # H00053841-P01

Size 50 ug

Specification

Product Description	Human MUPCDH full-length ORF (BAA91130.1, 1 a.a. - 651 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGSWALLWPPLLFTGLLVRPPGTMAQAQYCSVNKDIFEVEENTNVTEPLVDIHVPEGQEVTLGAL STPFQAFRIQGNQLFLNVTPDYEEKSLLEAQLLCQSGGTLVTQLRVFVSVLDVNDNAPEFPFKTKEI RVEEDTKVNSTVIPETQLQAEDRDKDDILFYTLQEMTAGASDYFSLVSVNRPALRLDRPLDFYERP NMTFWLLVRDTPGENVEPSHTATATLVLNVPADLRPPWFLPCTFSDGYVCIQAQYHGAVPTGHI LPSPVLVRPGPIYAEDGDRGINQPIYSIFRGNVNGTFIIHPDSGNLTVARSVSPMTFLLLVKGQQAD LARYSVTQVTVEAVAAAAGSPPRFPQSLYRGTVARGAGAGVVKDAAAPSQPLRIQAQDPEFSDL NSAITRITNHSFRMEGEVVLTTTTLAQAGAFYAEVEAHNTVTSATTVIEIQVSEQEPPSTGGG PSEDKRFSVVDMAALGGVLGALLLLALLGLAVLVHKHYGPRLKCCSGKAPEPQPQGFNDQAFLP DHKANWAPVPSPTHDPKPAEAPMPAEPAPPGPASPGGAPEPPAAARAGGSPTAVRSILTKERR PEGGYKAVWFGEDIGTEADVVLVSAPTLDVDGASDSGSGDEGEGAGRGGGPYDAPGGDDSYI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	95.9
Interspecies Antigen Sequence	Mouse (63); Rat (53)
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.
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 — MUPCDH

Entrez GeneID [53841](#)

GeneBank Accession# [AK000384.1](#)

Protein Accession# [BAA91130.1](#)

Gene Name MUPCDH

Gene Alias FLJ20219, MU-PCDH, MUCDHL

Gene Description mucin-like protocadherin

Omim ID [606839](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a novel mucin-like gene that is a member of the cadherin superfamily. While encoding nonpolymorphic tandem repeats rich in proline, serine and threonine similar to mucin proteins, the gene also contains sequence encoding calcium-binding motifs found in all cadherins. The role of the hybrid extracellular region and the specific function of this protein have not yet been determined. Alternative splicing has been identified, with observed variation resulting in the presence or absence of domains. In addition, splicing occurs in the 5' UTR but transcripts including these variations have not been described completely. [provided by RefSeq]

Other Designations OTTHUMP00000162884|mu-protocadherin|mucin and cadherin-like|mucin and cadherin-like protein

Disease

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