

## Product datasheet for TP315601M

### MUPCDH (CDHR5) (NM\_021924) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human mucin-like protocadherin (MUPCDH), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215601 representing NM_021924 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MGSWALLWPPLLFTGLLVRPPGTMAQAQYCSVNKDIFEVEENTNVTEPLVDIHVPEGQEVTLGALSTPFA  
FRIQGNQLFLNVTPDYEEKSLLEAQLLCQSGGTLVTQLRVFVSVLDVNDNAPEFPFKTKEIRVEEDTKVN  
STVIPETQLQAEDRDKDDILFYTLQEMTAGASDYFSLVSVNRPALRLDRPLDFYERPNMTFWLLVRDTPG  
ENVEPSHTATATLVNVPADLRPPWFLPCTFSDGYVICIQAQYHGAVPTGHILPSPLVLRPGPIYAEDGD  
RGINQPIIYSIFRGNVNGTFIIHPDSGNLTVARSVPSPMTFLLLKGGQADLARYSVTQVTVEAVAAAGS  
PPRFPQSLYRGTVARGAGAGVWKDAAAPSQPLRIQAQDPEFSDLNSAITYRITNHSHFRMEGEVLT  
TLAQAGAFYAEVEAHNTVTSQTATTVIEIQVSEQEPPSTDVPPSPEAGGTTGPWTSTTSEVPRPPEPSQG  
PSTSSGGGTGPHPPSGTTLRPPTSSTPGGSPGAENSTSHQPATPGGDTAQTPKPGTSQPMPPGVTST  
HQPATPSGGTVQTPEPGTSQPMPPSMGTSTSHQPATPGGDTAQTPEAGTSQPMPPGMGTSTSHQP  
TTPGGTAQTPEPGTSQPMPLSKSTPSSGGGPESEDKRFSVVDMAALGGVVGALLLALLGLAVLVHKKHYG  
PRLKCSGKAPEPQPQGFQAFDPDHKANWAPVPSPTHDPKPAEAPMPAEPAPPGPASPGGAPEPPAAARAGGS  
PTAVRSILTKERRPEGGYKAVWFGEDIGTEADWVLNAPTLDVDGASDSGSGDEGEGAGRGGGPPYDAPGG  
DDSYI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

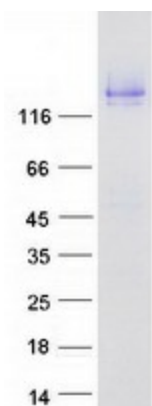
Tag:	C-Myc/DDK
Predicted MW:	88 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_068743</a>
<b>Locus ID:</b>	53841
<b>UniProt ID:</b>	<a href="#">Q9HBB8</a> , <a href="#">B4DV98</a>
<b>RefSeq Size:</b>	2973
<b>Cytogenetics:</b>	11p15.5
<b>RefSeq ORF:</b>	2535
<b>Synonyms:</b>	MLPCDH; MU-PCDH; MUCDHL; MUPCDH
<b>Summary:</b>	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. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jan 2010]
<b>Protein Families:</b>	Transmembrane

### Product images:



Coomassie blue staining of purified CDHR5 protein (Cat# [TP315601]). The protein was produced from HEK293T cells transfected with CDHR5 cDNA clone (Cat# [RC215601]) using MegaTran 2.0 (Cat# [TT210002]).