

Product datasheet for PH315601

MUPCDH (CDHR5) (NM_021924) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CDHR5 MS Standard C13 and N15-labeled recombinant protein (NP_068743)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215601
Predicted MW:	88 kDa
Protein Sequence:	>RC215601 representing NM_021924 Red=Cloning site Green=Tags(s)

MGSWALLWPPLLFTGLLVRPPGTMAQAQYCSVNKDI FEVEENTNVTEPLVDIHVPEGQEVTLGALSTPFA
FRIQGNQLFLNVPDYEEKSLLEAQLLCQSGGTLVTQLRVFVSLVDVNDNAPEFPFKTKEIRVEEDTKVN
STVIPETQLQAEDRKDDILFYTLQEMTAGASDYFSLVSVNRPALRLDRPLDFYERPNMTFWLLVRDTPG
ENVESHTATATLVLNVVPADLRPPWFLPCTFSDGYVCIQAQYHGAVPTGHILPSPLVLRPGPIYAEDGD
RGINQPIIYSIFRGNVNGTFIIHPDSGNLTVARSVSPMTFLLLKVGQQADLARYSVTQVTVEAVAAAGS
PPRFPQSLYRGTVARGAGAGVVKDAAAPSQPLRIQAQDPEFSDLNSAITYRITNHSFRMEGEVLLTTT
TLAQAGAFYAEVEAHNTVTSGTATTVIEIQVSEQEPPSTDVPPSPEAGTTGPWTSTTSEVPRPPEPSQG
PSTTSSGGGTGPHPPSGTTLRPPTSSTPGGSPGAENSTSHQPATPGGDTAQTTPKPGTSQPMPPGVTSTS
HQPATPSGGTVQTPPEPGTSQPMPPSMGTSTSHQPATPGGTAQTPEAGTSQPMPPGVTSTS
GTAQTPEPGTSQPMPLSKSTPSSGGGSEDKRFVVDMAALGGVLGALLLLALLGLAVLVHKHYGPRLLKC
CSGKAPEPQPQGFNDQAFLPDHKANWAPVSPTHDPKPAEAPMPAEPAPPGPASPGGAPEPPAAARAGGS
PTAVRSILTKERRPEGGYKAVWFGEDIGTEADVVLNAPTLDVDGASDSGSGDEGEGAGRGGGPPYDAPGG
DDSYI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq: [NP_068743](#)

RefSeq Size: 2973

RefSeq ORF: 2535

Synonyms: MLPCDH; MU-PCDH; MUCDHL; MUPCDH

Locus ID: 53841

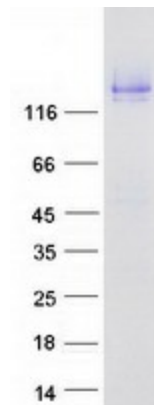
UniProt ID: [Q9HBB8](#), [B4DV98](#)

Cytogenetics: 11p15.5

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. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jan 2010]

Protein Families: 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]).