

Recombinant Human CDHR5 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. CDHR5-066H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CDHR5 MS Standard C13 and N15-labeled recombinant protein (NP_068743) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	88 kDa
AA Sequence	MGSWALLWPPLLFTGLLVRPPGTMAQAQYCSVNKDIFEVEENTNVTEPLVDIHVPE GQEVTLGALSTPFAFRIQGNQLFLNVTDPDYEEKSLLEAQLLCQSGGTLVTQLRVFVS VLDVNDNAPEFPFKTKAIRVEEDTKVNSTVIPETQLQAEDRDKDDILFYTLQEMTAGA SDYFSLVSVNRPALRLDRPLDFYERPNMTFWLLVRDTPGENVEPSHTATATLVLNVV PADLRPPWFLPCTFSDGYVCIQAQYHGAVPTGHILPSPLVLRPGPIYAEDGDRGINQ PIIYSIFRGNVNGTFIIHPDSGNLTVARSVSPMTFLLLKVGQQADLARYSVTQVTVEA VAAAGSPPRFPQSLYRGTVARGAGAGVVVKDAAAPSQPLRIQAQDPEFSDLNSAIT

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YRITNHSFRMEGEVLTSTTTLAQAGAFYAEVEAHNTVTSQTATTVIEIQVSEQEPPS
 TDVPPSPEAGGTTGPWTSTTSEVPRPPEPSQGPSTTSSGGGTGPHPPSGTTLRPP
 TSSTPGGSPGAENSTSHQPATPGGDTAQTTPKPGTSQPMPPGVGTSTSHQPATPSG
 GTVQTPEPGTSQPMPPSMGTSTSHQPATPGGGTAQTPEAGTSQPMPPGMGTSTS
 HQPTTPGGGTAQTPEPGTSQPMPLSKSTPSSGGGPPSEDKRFSVVDMAALGGVLGA
 LLLLALLGLAVLVHKHYGPRLKCCSGKAPEPQPQGFNDQAFLPDHKNWAPVPSPT
 HDPKPAEAPMPAEPAPPGPASPGGAPEPPAAARAGGSPTAVRSILTKERRPEGGYK
 AVWFGEDIGTEADVVLNAPTLDVDGASDSGSGDEGEGAGRGGGPYDAPGGDDS
 YITRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CDHR5 cadherin related family member 5 [Homo sapiens (human)]

Official Symbol CDHR5

Synonyms CDHR5; cadherin related family member 5; MLPCDH; MU-PCDH; MUCDHL; MUPCDH; cadherin-related family member 5; differentiation-associated catenin regulator; mu-protocadherin; mucin and cadherin-like protein;

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Gene ID	53841
mRNA Refseq	NM_021924
Protein Refseq	NP_068743
MIM	606839
UniProt ID	Q9HBB8
SDS-PAGE	