

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

MGSWALLWPELLFTGLLVRPPGTMAQAQYCSVNKDIFEVEENTNVTEPLVDIHVPE
GQEVTLGALSTPFAFRIQGNQLFLNVTPDYEEKSLLEAQLLCQSGGTLVTQLRVFVS
VLDVNDNAPEFPFKTKEIRVEEDTKVNSTVIPETQLQAEDRKDDILFYTLQEMTAGA
SDYFSLVSVNRPALRLDRPLDFYERPNMTFWLLVRDTPGENVEPSHTATATLVLNVV
PADLRPPWFLPCTFSDGYVCIQAQYHGAVPTGHILPSPLVLRPGPIYAEDGDRGINQ
PIIYSIFRGNVNGTFIIHPDSGNLTVARSVSPMTFLLLKVGQQADLARYSVTQVTVEA
VAAAGSPPRFPQSLYRGTVARGAGAGVVKDAAAPSQPLRIQAQDPEFSDLNSAIT

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YRITNHSFRMEGEVVLTTTTLAQAGAFYAEVEAHNTVTSQTATTVIEIQVSEQEPPS
 TDVPPSPEAGGTTGPWTSTTSEVPRPPEPSQGPSTTSSGGGTGPHPPSGTTLRPP
 TSSTPGGSPGAENSTSHQPATPGGDTAQTPKPGTSQPMPPGVGTSTSHQPATPSG
 GTVQTPEPGTSQPMPPSMGTSTSHQPATPGGGTAQTPEAGTSQPMPPGMGTSTS
 HQPTTPGGGTAQTPEPGTSQPMPLSKSTPSSGGGPOSEDKRFSVVDMAALGGVLGA
 LLLLALLGLAVLVHKHYGPRLKCCSGKAPEPQPQGFNDQAFDPDHKANWAPVPSPT
 HDPKPAEAPMPAEPAPPGPASPGGAPEPPAAARAGGSPTAVRSILTKERRPEGGYK
 AVWFGEDIGTEADVVLNAPTLDVDGASDSGSGDEGEGAGRGGGPPYDAPGGDDS
 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;

Gene ID 53841

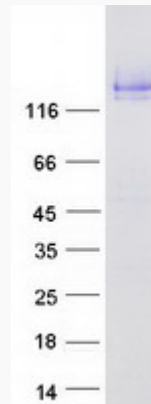
mRNA Refseq NM_021924

Protein Refseq NP_068743

MIM 606839

UniProt ID Q9HBB8

SDS-PAGE



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