

## Product datasheet for RC218462

### NG2 (CSPG4) (NM\_001897) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NG2 (CSPG4) (NM_001897) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NG2
Synonyms:	CSPG4A; HMW-MAA; MCSP; MCSPG; MEL-CSPG; MSK16; NG2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC218462 representing NM_001897 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAGTCCGGGCGCGGCCCACTTCCAGCCCCGGCCTGGCCTTGGCTTTGACCCTGACTATGTTGG  
CCAGACTTGCATCCGGGCTTCTTCTTCGGTGAGAACCACCTGGAGGTGCCTGTGGCCACGGCTCTGAC  
CGACATAGACCTGCAGCTGCAGTCTCCACGTCCAGCCGAAGCCCTCTTCTCCTGGCAGCAGGCCCA  
GCTGACCACCTCCTGCTGCAGCTCTACTCTGGACGCTGCAGGTGACTTGTCTGGGCCAGGAGGAGC  
TGAGGCTGCAGACTCCAGCAGAGACGCTGCTGAGTGACTCCATCCCCCACTGTGGTGTGACTGTCGT  
AGAGGGCTGGGCCACGTTGTGAGTCGATGGGTTTCTGAACGCCTCCTCAGCAGTCCAGGAGCCCCCTA  
GAGGTCCCTATGGGCTCTTGTGGGGCACTGGGACCCCTGGCCTGCCCTACCTGAGGGGAACAGCC  
GACCCCTGAGGGGTTGCCTCCATGCAGCCACCCTCAATGGCCGACGCTCCTCCGGCCTCTGACCCCGA  
TGTGCATGAGGGCTGTGCTGAAGAGTTTCTGCCAGTGATGATGTGGCCCTGGGCTTCTCTGGGCCCCA  
TCTCTGGCTGCCTTCCCTGCCTGGGCACTCAGGACGAAGGAACCCTAGAGTTTACACTCACCACACAGA  
GCCGGCAGGCACCCTTGGCCTTCCAGGCAGGGGGCCGGCTGGGACTTCATCTATGTGGACATATTTGA  
GGGCCACCTGCGGGCCGTGGTGGAGAAGGGCCAGGGTACCGTATTGCTCCACAACAGTGTGCTGTGGCC  
GATGGGCAGCCCCATGAGGTGAGTGTCCACATCAATGCTCACCCTGGAAATCTCCGTGGACCATGAC  
CTACGCATACTTCGAACCGAGGAGTCTCAGCTACCTGGAGCCACGGGGCAGTCTCCTTCTCGGGGGCT  
GGATGCAGAGGCCTCTGTCACCTCCAGGAACCCGCTGGGCTGACACCAGAGGCCACCAATGCCTCC  
CTGCTGGGCTGCATGGAAGACCTCAGTGTCAATGGCCAGAGGGGGGCTGCGGGAAGCTTTGCTGACGC  
GCAACATGGCAGCCGGCTGCAGGCTGGAGGAGGAGGAGTATGAGGACGATGCCTATGGACATTATGAAGC  
TTTCTCCACCCTGGCCCTGAGGCTTGGCCAGCCATGGAGCTGCCTGAGCCATGCGTGCCTGAGCCAGGG  
CTGCTCCTGTCTTTGCCAATTTACCCAGCTGCTGACTATCAGCCCACTGGTGGTGGCCGAGGGGGCA  
CAGCCTGGCTTGTGAGTGGAGGCATGTGCAGCCACGCTGGACCTGATGGAGGCTGAGTGCCAAATCCCA  
GGTGTGTTGAGGCTGACCCGAGGGGACGCCATGGCGAGCTCGAGCTGGACATCCGGGAGCCAGGCA



[View online >](#)

CGAAAAATGTTACACCCTCTGGACGTGGTGAACCGCAAGGCCCGCTTCATCCACGATGGCTCTGAGGACA  
 CCTCCGACCAGCTGGTGTCTGGAGGTGTCGGTGACGGCTCGGGTGCCCATGCCCTCATGCCTTCGGAGGGG  
 CCAAACATACCTCTGCCATCCAGGTCAACCTGTCAATGACCCACCCACATCATCTTCCACATGGC  
 AGCCTCATGGTGATCCTGGAACACACGCAGAAGCCGCTGGGGCCTGAGGTTTTCCAGGCCTATGACCCGG  
 ACTCTGCCTGTGAGGGCCTCACCTTCCAGTCTTGGCACCTCTCTGGCCTCCCCGTGGAGCGCCGAGA  
 CCAGCCTGGGGAGCCGGGACCCAGTTCCTCTCCGGGAGTTGGAGGCCGGCAGCCTAGTCTATGTCAC  
 CGCGGTGGTCTGCACAGGACTTGACGTTCCGGGTACGGATGGACTGCAGGCCAGCCCCCGCCACGC  
 TGAAGGTGGTGGCCATCCGGCCGGCCATACAGATCCACCGCAGCACAGGGTTGCGACTGGCCCAAGGCTC  
 TGCCATGCCCATCTTGCCCGCAACCTGTCCGGTGGAGACCAATGCCGTGGGGCAGGATGTGAGCGTGCTG  
 TTCCCGCTCACTGGGGCCTGCAGTTTGGGGAGCTGCAGAAGCAGGGGGCAGGTGGGGTGGAGGGTGTG  
 AGTGGTGGGCCACACAGGCGTTCACCAGCGGGATGTGGAGCAGGGCCGCGTGAGGTACCTGAGCACTGA  
 CCCACAGCACCACGTTACGACACCGTGGAGAACCTGGCCCTGGAGGTGCAGGTGGGCCAGGAGATCCTG  
 AGCAATCTGTCTTCCAGTGACCATCCAGAGACCCTGTGTGGATGCTGCGGTGGAGCCACTGCACA  
 CTCAGAACACCCAGCAGGAGACCCTCACACAGCCACCTGGAGGCCACCCTGGAGGAGGACGGCCCAAG  
 CCCCCAACCTTCCATTATGAGGTGGTTCAGGCTCCCAGGAAAGGCAACCTTCAACTACAGGGCACAAAG  
 CTGTAGATGGCCAGGGCTTACCCAGGATGACATACAGGCTGGCCGGGTGACCTATGGGGCCACAGCAC  
 GTGCCTCAGAGGCAGTCGAGGACACCTTCCGTTTCCGTGTACAGCTCCACCATATTTCTCCCCACTCTA  
 TACCTTCCCCATCCATTGGTGGTGACCCAGATGCGCCTGTCTTCCCAATGTCTCTCGTGGTGCCT  
 GAGGGTGGTGGGGTGTCTCTGTGCTGACCACCTCTTTGTCAAGAGTCTCAACAGTGCCAGCTACCTCT  
 ATGAGGTGATGGAGCGGGCCCGCATGGGAGGTTGGCTTGGCGTGGGACACAGGACAAGACCACTATGGT  
 GACATCCTTACCAATGAAGACCTGTTCGGTGGCCGGTGGTCTACCAGCATGATGACTCCGAGACCACA  
 GAAGATGATATCCATTGTTGCTACCCGCCAGGGCGAGAGCAGTGGTGCATGGCCTGGGAGGAGGTAC  
 GGGGTGTCTTCCGAGTGGCCATCCAGCCGTGAATGACCACGCCCTGTGCAGACCATCAGCCGGATCTT  
 CCATGTGGCCCGGGTGGCGGGCTGCTGACTACAGACGACGTGGCCCTTCCAGCATGCTGACTCGGGC  
 TTTGCTGACGCCAGCTGGTGTACCCGCAAGGACCTCCTCTTTGGCAGTATCGTGGCCGTAGATGAGC  
 CCACGCGGCCATCTACCGCTTACCCAGGAGGACCTCAGGAAGAGGCGAGTACTGTTCTGACTCAGG  
 GGCTGACCGTGGTGGATCCAGCTGCAGGTGTCCGACGGGCAACACCAGGCCACTGCGCTGCTGGAGGTG  
 CAGGCCTCGAAACCTACCTCCGTGTGGCAACGGCTCCAGCCTTGTGGTCCCTCAAGGAGGCCAGGGCA  
 CCATCGACACGGCCGTGCTCCACCTGGACACCAACCTCGACATCCGAGTGGGGATGAGGTCCACTACCA  
 CGTCACAGCTGGCCCTCGCTGGGACAGCTAGTCCGGGTGGTCCAGCCAGCCACAGCCTTCTCCAGCAG  
 GACCTGCTGGATGGGGCCGTTCTCTATAGCCACAATGGCAGCCTCAGCCCCGAGACACCATGGCCTTCT  
 CCGTGGAAAGCAGGGCCAGTGCACACGGATGCCACCCTACAAGTGACCATTGCCCTAGAGGGCCACTGGC  
 CCCACTGAAGCTGGTCCGGCACAAGAAGATCTACGTCTTCCAGGGAGAGGCGAGTGCAGATCAGAAGGGAC  
 CAGCTGGAGGCAGCCAGGAGGCAAGTGCACCTGCAGACATCGTATTCTCAGTGAAGAGCCACCAGGTG  
 CCGGTACCTGGTGTGGTGTGCGGTGGCGCCTTGGCAGATGAGCCACCCAGCCTGGACCCCGTGCAGAG  
 CTTCTCCAGGAGGCAAGTGGACACAGGCAAGGCTCTGTACTGCACTCCCGCCCTGAGGCCTGGAGCGAT  
 GCCTTCTCGTGGATGTGGCCTCAGGCCTGGGTGCTCCCTCGAGGGCGTCTTGTGGAGCTGGAGGTGC  
 TGCCCCGTGCCATCCCACTAGAGGGCGAAAACCTCAGCGTCCCTGAGGGTGGCAGCCTCACCTGGCCCC  
 TCCACTGCTCCGTGTCTCCGGCCCTACTTCCCACTCTCCTGGGCCTCAGCCTGCAGGTGCTGGAGCCA  
 CCCCAGCATGGAGCCCTGCAGAAGGAGGACGGACCTCAAGCCAGGACCCTCAGCGCCTTCTCCTGGAGAA  
 TGGTGAAGAGCAGCTGATCCGCTACGTGCATGACGGGAGCGAGACACTGACAGACAGTTTTGCTCTGAT  
 GGCTAATGCCTCCGAGATGGATCGCCAGAGCCATCCTGTGGCCTTCACTGTCACTGTCTGCTGTCAAT  
 GACCAACCCCCATCCTCACTACAAACACAGGCCTGCAGATGTGGGAGGGGGCCACTGCGCCATCCCTG  
 CGGAGGCTCTGAGGAGCACGGACGGGACTCTGGGTCTGAGGATCTGGTCTACACCATCGAGCAGCCAG  
 CAACGGGCGGGTGTGCTGCGGGGGGCGCCGGGCACTGAGGTGCGCAGCTTACGCAGGCCAGCTGGAC  
 GCGGGCTCGTGTGTTCTCACACAGAGGAACCTGGATGGAGGCTTCCGCTTCCGCTCTCTGACGGCG  
 AGCACACTTCCCCGGACACTTCTCCGAGTGACGGCCAGAAGCAAGTGTCTCTCGTGAAGGGCAG  
 CCAGACTGACTGTCTGCCAGGGTCCGTCCAGCCACTCAGCAGTCCAGCCCTCAGGGCCAGCTCCAGC  
 GCAGGCACTGACCCCAAGCTCCTGCTTACCGTGTGGTGCGGGGCCCCAGCTAGGCCGGCTGTTCCACG  
 CCCAGCAGGACAGCACAGGGGAGGCCCTGGTGAACCTCACTCAGGCAGAGGTCTACGCTGGGAATATTCT  
 GTATGAGCATGAGATGCCCCCGAGCCCTTTGGGAGGCCATGATACCTTAGAGCTCCAGCTGTCTCTG  
 CCGCTGCCCGGACGTGGCCGCCACCCTTGTGTGGTGTGTCTTTGAGGCTGCCTGTCCCCAGCACC

CCAGCCACCTCTGGAAGAACAAGGTCTCTGGGTCCCCGAGGGCCAGCGGCCAGGATCACCGTGGCTGC  
TCTGGATGCCTCCAATCTCTTGCCAGCGTTCCATCACCCAGCGCTCAGAGCATGATGTCTTCCAG  
GTCACACAGTTCCCCAGCCGGGGCCAGCTGTTGGTGTCCGAGGAGCCCTCCATGCTGGGCAGCCCCACT  
TCCTGCAGTCCCAGCTGGCTGCAGGGCAGCTAGTGTATGCCACGGCGGTGGGGGCACCCAGCAGGATGG  
CTTCCACTTTCGTGCCACCTCCAGGGGCCAGCAGGGGCCCTCCGTGGCTGGACCCAAACCTCAGAGGCC  
TTTGCCATCACGGTGAGGGATGTAATGAGCGGCCCTCAGCCACAGGCCTCTGTCCACTCCGGCTCA  
CCCGAGGCTCTCGTGCCCCATCTCCGGGCCAGCTGAGTGTGGTGGACCCAGACTCAGCTCCTGGGGA  
GATTGAGTACGAGGTCCAGCGGGCACCCACAACGGCTTCTCAGCCTGGTGGTGGCCTGGGGCCC  
GTGACCCGCTTACGCAAGCCGATGTGGATTACAGGGCGGCTGGCCTTCTGTGGCAACGGGAGCAGCTGG  
CAGGCATCTTCCAGCTGAGCATGTCTGATGGGGCCAGCCACCCCTGCCATGTCCCTGGCTGTGGACAT  
CCTACCATCCGCCATCGAGGTGCAGCTGCGGGCACCCCTGGAGGTGCCCAAGCTTTGGGGCGCTCTCA  
CTGAGCCAGCAGCAGCTCCGGTGGTTTCAGATCGGGAGGAGCCAGAGGCAGCATAACCGCTCATCCAGG  
GACCCAGTATGGGCATCTCTGGTGGGGCGGGCCACCTCGGCTTACAGCAATTCCAGATAGACCA  
GGGCGAGGTGGTCTTTGCCTTACCAACTTCTCCTCTCATGACCACTTCCAGAGTCTGGCACTGGCT  
AGGGGTGTCAATGCATCAGCCGTAGTGAACGTCACTGTGAGGGCTCTGCTGCATGTGTGGCAGGTGGC  
CATGGCCCCAGGGTGCCACCCTGCGCCTGGACCCACCGTCTAGATGCTGGCGAGCTGGCAACCGCAC  
AGGCAGTGTGCCGCTTCCGCCTCTGGAGGGACCCCGCATGGCCGCTGGTCCGCTGCCCCGAGCC  
AGGACGGAGCCCGGGGGCAGCCAGCTGGTGGAGCAGTTCACTCAGCAGGACCTTGAGGACGGGAGGCTGG  
GGCTGGAGGTGGGCAGGCCAGAGGGGAGGGCCCCGGCCCCGAGGTGACAGTCTCACTCTGGAGCTGTG  
GGCACAGGGCGTCCCGCTGTGTGGCTCCCTGGACTTTGCCACTGAGCCTTACAATGCTGCCCGGCC  
TACAGCGTGGCCCTGCTCAGTGTCCCGAGGGCCCGGGACGGAAGCAGGGAAGCCAGAGAGCAGCACCC  
CCACAGGCGAGCCAGGCCCATGGCATCCAGCCCTGAGCCCGCTGTGGCAAGGGAGGCTTCTGAGCTT  
CCTTGAGGCCAACATGTTACAGCTCATCATCCCATGTGCCTGGTACTTCTGCTCCTGGCGCTCATCCTG  
CCCCTGCTCTTCTACCTCCGAAAACGCAACAAGACGGGCAAGCATGACGTCCAGGTCCTGACTGCCAAGC  
CCCACAGCGCCTGGCTGGTGCACCGAGACCTTTCGCAAGGTGGAGCCAGGCCAGGCCATCCCGCTCAC  
AGCTGTGCCTGGCCAGGGGCCCTCCAGGAGGCCAGCCTGACCCAGAGCTGCTGCAGTTCTGCCGGACA  
CCCAACCCTGCCCTTAAGAATGGCCAGTACTGGGTG

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC218462 representing NM\_001897  
 Red=Cloning site Green=Tags(s)

MQSGPRPPLPAPGLALALTLMLARLASAASFFGENHLEVPVATALTDIDLQLQFSTSQPEALLLAAAGP  
 ADHLLLQLYSGRLQVRLVLGQEELRLQTPAETLLSDSIPHTVVLTVVEGWATLSVDGFLNASSAVPGAPL  
 EVPYGLFVGGTGLGLPYLRGTSRPLRGCLHAATLNGRSLRPLTPDVHEGCAEEFSASDDVALGFSGPH  
 SLAAFPWGTQDEGTLEFTLTTQSRQAPLAFQAGGRRGDFIYVDIFEGHLRAVVEKGQGTVLLHNSVPVA  
 DGQPHEVSVHINHRLEISVDQYPTHTSNRGVLSYLEPRGSLLLGGLDAEASRHLQEHRLGLTPEATNAS  
 LLGCMEDLSVNGQRRGLREALLTRNMAAGCRLEEEYEDDAYGHYEAFTLAPEAWPAMELPEPCVPEPG  
 LPPVFANFTQLLTISPLVVAEGGTAWLEWRHVQPTLDLMEALRKSQVLSVTRGARHGELELDIPGAQA  
 RKMFTLLDVVNRKARFIHDGSEDTSDQLVLEVSVTARVMPMSCLRRGQTYLLPIQVNPVNDPPHIIIFPHG  
 SLMVILEHTQKPLGPEVFQAYDPDSACEGLTFQVLGTSSGLPVERRDQPGEPATEFSCRELEAGSLVYVH  
 RGGPAQDLTFRVSDGLQASPPATLKVVAIRPAIQIHRSTGLRLAQGSAMPILPANLSVETNAVGDQVSVL  
 FRVTGALQFGELQKQAGGVEGAEWATQAFHQRDVEQGRVRYLSTDPQHAYDTVENLALVEVQVGQEIL  
 SNLSFPVTIQRATVWMLRLEPLHTQNTQQETLTAHLEATLEEAGSPPTFHVEVQAPRKGNLQLQGR  
 LSDGQGFQDDIQAGRVTYGATARASEAVEDTFRFRVTAPPYFSPLYTFPIHIGGDPDAPVLTNVLVVP  
 EGEGVL SADHLFVKSLNSASYLYEMERPRHGRLLAWRGTQDKTMTVSTFTNEDLLRGRLLVYQHDDSETT  
 EDDIPFVATRQGESSGDMAWEEVRGVFVRAIQPVNDHAPVQTI SRIFHVARGRRLLTTDDVAFSDADSG  
 FADAQLVLTRKDLLFGSIVAVDEPTRPIYRFTQEDLRKRRVLFVHSGADRGIQLQVSDGQHQATALLEV  
 QASEPYLRVANGSSLVPPQGGQGTIDTAVLHLDNLDIRSGDEVHYHVTAGPRWGQLVRAGQPATAFSQQ  
 DLLDGAVALYSHNGSLSPRDTMAFVVEAGPVHTDATLQVTIALEGPLAPLKLVRHKKIYVFQGEAAEIRR  
 QLEAAQEA VPPADIVFSVKSPPSAGYLVMVSRGALADEPPSLDPVQSFSQEA VDTGRVLYLHSRPEAWS  
 AFSLDVASGLGAPLEGVLVELEVLPAAIPLAEQNF SVPEGGSLTLAPLLRVSGPYFPTLLGLSLQVLEP  
 PQHGALQKEDGPQARTLSAF SWRMVEEQ LIRYVHDGSETL TDSFVLMANASEMDRQSHPVAFVTVLPVN  
 DQPPILTTNTGLQMWEGATAPIPAEALRSTDGDSGSEDLVYTI EQPSNGRVVLRGAPGTEVRSFTAQLD  
 GGLVLFSHRGLTDGGFRFRLSDGEHTSPGHFFRVTAQKQVLLSLKGSQTLTVCPGVSQPLSSQTLRASS  
 AGTDPQLLLYRVVRGPQLGRLFHAQQDSTGEALVNFTQAEVYAGNILEHEMPPEPFWEAHDTELEQLSS  
 PPARDVAA TLAVAVSFEAACQP HPSHLWKNKGLWVPEGQRARITVAALDASNLLASVSPQRSEHDVLFQ  
 VTQFP SRGQLLVSEEPLHAGQPHFLQSQAAGQLVYAHGGGTQQDGFHFRAHLQGPAGASVAGPQTSEA  
 FAITVRDVNERPPQPQASVPLRLTRGSRAPI SRAQLSVVDPDSAPGEIEYEVQRAPHNGFLSLVGGGLGP  
 VTRFTQADVDSGRLAFVANGSSVAGIFQLSMSDGASPLPMSLAVDILPSAIEVQLRAPLEVQPALGRSS  
 LSQQQLRVVSDREEPEAA YRLIQGPQYGHLLVGGRPTSAFSQFQIDQGEVVFATNFSSSHDHFVRLALA  
 RGVNASAVVNVTRALLHWAGGPWPQGATLRLDPTVLDAGELANRTGSVPRFRLLEGPRHGRVVRVPR  
 RTEPGGSQLEVFTQQDLEDGRLGLEVGRPEGRAPGAGDSL TLELWAQGVPPAVASLDFATEPYNAARP  
 YSVALLSVPEARTEAGKPESSPTGEPGPMASPEPAVAKGGFLSFLANMFSVIIPMCLVLLLALIL  
 PLLFYLRKRNTGKHDVQVLTAKPRNGLAGDTETFRKVEPGQAIPLTAVPGQGGPPGQDPPELLQFCRT  
 PNPALKNGQYVW

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

**ACCN:** NM\_001897

**ORF Size:** 6966 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

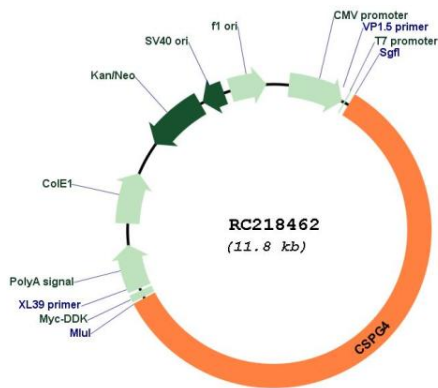
**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
  2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
  3. Close the tube and incubate for 10 minutes at room temperature.
  4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
  5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

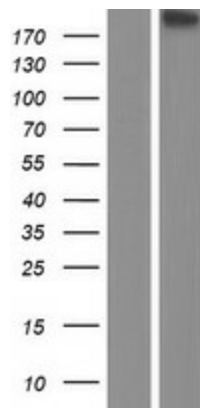
**RefSeq:** [NM\\_001897.5](#)  
**RefSeq Size:** 7896 bp  
**RefSeq ORF:** 6969 bp  
**Locus ID:** 1464  
**UniProt ID:** [Q6UVK1](#)  
**Cytogenetics:** 15q24.2  
**Protein Families:** Transmembrane  
**MW:** 250.4 kDa

**Gene Summary:** A human melanoma-associated chondroitin sulfate proteoglycan plays a role in stabilizing cell-substratum interactions during early events of melanoma cell spreading on endothelial basement membranes. CSPG4 represents an integral membrane chondroitin sulfate proteoglycan expressed by human malignant melanoma cells. [provided by RefSeq, Jul 2008]

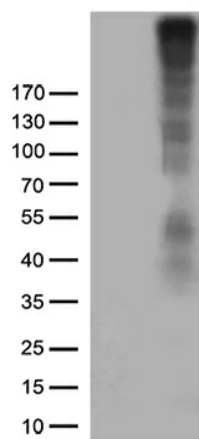
### Product images:



Circular map for RC218462



Western blot validation of overexpression lysate (Cat# [LY419670]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC218462 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY CSPG4 (Cat# RC218462, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CSPG4 (Cat# [TA812902])(1:500).