

Product datasheet for **SC326134**

CD168 (HMMR) (NM_001142557) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD168 (HMMR) (NM_001142557) Human Untagged Clone
Tag:	Tag Free
Symbol:	HMMR
Synonyms:	CD168; IHABP; RHAMM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

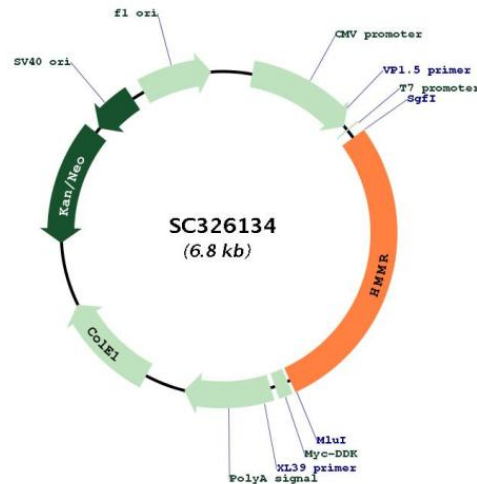


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Fully Sequenced ORF: >SC326134 representing NM_001142557.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
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Restriction Sites: Sgfl-Mlul

Plasmid Map:


ACCN: NM_001142557

Insert Size: 1917 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001142557.1](#)

RefSeq Size: 2917 bp

RefSeq ORF: 1917 bp

Locus ID: 3161

UniProt ID: [O75330](#)

Cytogenetics:	5q34
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	ECM-receptor interaction
MW:	74.5 kDa
Gene Summary:	<p>The protein encoded by this gene is involved in cell motility. It is expressed in breast tissue and together with other proteins, it forms a complex with BRCA1 and BRCA2, thus is potentially associated with higher risk of breast cancer. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Dec 2008]</p> <p>Transcript Variant: This variant (4) is missing 3 consecutive internal coding exons compared to transcript variant 1. This results in translation initiation from an alternate AUG start site and a shorter isoform (d) with an unique N-terminus compared to isoform a.</p>