

## Product datasheet for TP313373M

### CD168 (HMMR) (NM\_012485) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hyaluronan-mediated motility receptor (RHAMM) (HMMR), transcript variant 3, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213373 representing NM_012485 Red=Cloning site Green=Tags(s)

MSFPKAPLKRFDPSGAPSPGAYDVKTLEVLKGPVVSFQKSQRFKQQKESKQNLNVDKDTTLPASARKVK  
SSESKIRVLLQERGAQDRRIQDLETELEKMEARLNAALREKTSLSANNATLEKQLIELTRTNELLKSKFS  
ENGNQKNLRILSLELMKLRNKRETKMRGMMAKQEGMEMKLQVTQRSLEESQKIAQLEGKLVSIEKEKID  
EKSETEKLLYEIEEISCASDQVEKYKLDIAQLEENLKEKNDEILSLKQSLEENIVILSKQVEDLNVKQQL  
LEKEKEDHVNRRNREHNENLNAEMQNLKQKFILEQQEREKLQKQELQIDSLQKEKLSLHQLKCSFQE  
EMAKEKNLFEELKQTLDELQKQKEEQAERLVKQLEEEAKSRAEELKLEEKLGKGAEELEKSSAAHT  
QATLLQEKYDSMVQSLEDVTAQFESYKALTASEIEDLKLNSSLQEKAAKAGKNAEDVQHILATSSN  
QEYVRMLLDLQTKSALKETEIKEITVSFLQKITDLQNLKQEQEEDFRKQLEDEEGRKAEKENTTAELTEE  
INKWRLLYEELYNKTKPFQLQLDAFEVEKQALLNEHGAAQEQLNKIRDSYAKLLGHQNLKQKIKHVVKLK  
DENSQKSEVSKLRCQLAKKKQSETKLQEELNKVLGIKHFDPSKAFHHESKENFALKTPLKEGNTNCYRA  
PMECQESWK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

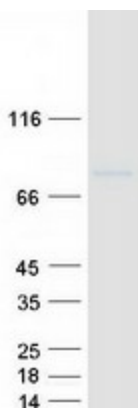
Tag:	C-Myc/DDK
Predicted MW:	82.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_036617</a>
<b>Locus ID:</b>	3161
<b>UniProt ID:</b>	<a href="#">O75330</a>
<b>RefSeq Size:</b>	2957
<b>Cytogenetics:</b>	5q34
<b>RefSeq ORF:</b>	2127
<b>Synonyms:</b>	CD168; IHABP; RHAMM
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Stem cell - Pluripotency
<b>Protein Pathways:</b>	ECM-receptor interaction

### Product images:



Coomassie blue staining of purified HMMR protein (Cat# [TP313373]). The protein was produced from HEK293T cells transfected with HMMR cDNA clone (Cat# [RC213373]) using MegaTran 2.0 (Cat# [TT210002]).