

# Recombinant Human HMMR Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HMMR-6232H Lot. No. (See product label)

## SPECIFICATION

### Product Overview

HMMR MS Standard C13 and N15-labeled recombinant protein (NP\_036617) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

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.

### Molecular Mass

82.1 kDa

### AA Sequence

MSFPKAPLKRFNDPSGCAPSPGAYDVKTLEVLKGPVSFQKSQRFKQQKESKQNLN  
 VDKDTTLPASARKVKSSSESKIRVLLQERGAQDRRIQDLETELEKMEARLNAALREKT  
 SLSANNATLEKQLIELTRTNELLKSKFSENGNQKNLRILSLELMKLRNKRETKMRGM  
 MAKQEGMEMKLQVTQRSLEESQGKIAQLEGKLVSIEKEKIDEKSETEKLLYEIEEISC  
 ASDQVEKYKLDIAQLEENLKEKNDEILSLKQSLEENIVILSKQVEDLNVKCOLLEKEKE  
 DHVNRNREHNENLNAEMQNLKQKFILEQQEREKLLQKELQIDSLLQQEKELSSSLH  
 QKLCSFQEEMAKEKNLFEEELKQTLDELDKLQQKEEQAERLVKQLEEEAKSRAEEL  
 KLLEEKLKGKEAELEKSSAAHTQATLLLQEKYDSMVQSLEDVTAQFESYKALTASEIE  
 DLKLENSLQEKAAKAGKNAEDVQHILATESSNQEYVRMLLDLQTKSALKETEIKEI

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TVSFLQKITDLQNQLKQQEEDFRKQLEDEEGRKAEKENTTAELTEEINKWRLLYEEL  
 YNKT KPFQLQLDAFEVEKQALLNEHGAAQEQLNKIRDSYAKLLGHQNLKQKIKHVVK  
 LKDENSQKSEVSKLRCQLAKKKQSETKLQEELNKVLGIKHFDPKAFHHESKENFA  
 LKTPLKEGNTNCYRAPMECQESWKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**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** [HMMR hyaluronan mediated motility receptor \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [HMMR](#)

**Synonyms** HMMR; hyaluronan-mediated motility receptor (RHAMM); hyaluronan mediated motility receptor; CD168; RHAMM; receptor for hyaluronan-mediated motility; intracellular hyaluronic acid-binding protein; IHABP; MGC119494; MGC119495;

**Gene ID** [3161](#)

**mRNA Refseq** [NM\\_012485](#)

**Protein Refseq** [NP\\_036617](#)

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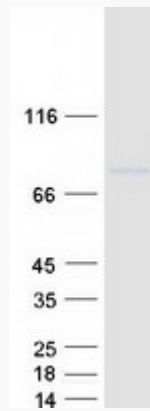
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**MIM** 600936

**UniProt ID** O75330

**SDS-PAGE**



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