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 VDKDTTLPASARKVKSSESKIRVLLQERGAQDRRIQDLETELEKMEARLNAALREKT SLSANNATLEKQLIELTRTNELLKSKFSENGNQKNLRILSLELMKLRNKRETKMRGM MAKQEGMEMKLQVTQRSLEESQGKIAQLEGKLVSIEKEKIDEKSETEKLLEYIEEISC ASDQVEKYKLDIAQLEENLKEKNDEILSLKQSLEENIVILSKQVEDLNVKCQLLEKEKE DHVNRNREHNENLNAEMQNLKQKFILEQQEREKLQQKELQIDSLLQQEKELSSSLH QKLCSFQEEMAKEKNLFEEELKQTLDELDKLQQKEEQAERLVKQLEEEAKSRAEEL KLLEEKLKGKEAELEKSSAAHTQATLLLQEKYDSMVQSLEDVTAQFESYKALTASEIE DLKLENSSLQEKAAKAGKNAEDVQHQILATESSNQEYVRMLLDLQTKSALKETEIKEI

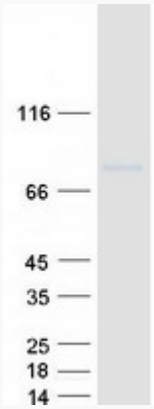
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	TVSFLQKITDLQNQLKQQEEDFRKQLEDEEGRKAEKENTTAELTEEINKWRLLYEEL YNKTKPFQLQLDAFEVEKQALLNEHGAAQEQLNKIRDSYAKLLGHQNLKQKIKHVVK LKDENSQLKSEVSKLRCQLAKKKQSETKLQEELNKVLGIKHFDPSKAFHHESKENFA LKTPLKEGNTNCYRAPMECQESWKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined 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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MIM	600936
UniProt ID	O75330
SDS-PAGE	

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