

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

Cat. No. HMMR-4202H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HMMR MS Standard C13 and N15-labeled recombinant protein (NP_036616) 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	83.9 kDa
AA Sequence	MSFPKAPLKRFNDPSGCAPSPGAYDVKTLEVLKGPVSFQKSQRFKQQKESKQNLN VDKDTTLPASARKVKSSSESKESQKNDKDLKILEKEIRVLLQERGAQDRRIQDLETELE KMEARLNAALREKTSLSANNATLEKQLIELTRTNELLKSKFSENGNQKNLRILSLELM KLRNKRETKMRGMMAKQEGMEMKLQVTQRSLEESQGKIAQLEGKLVSIEKEKIDEK SETEKLLEYIEEISCASDQVEKYKLDIAQLEENLKEKNDEILSLKQSLEENIVILSKQVE DLNVKCQLLEKEKEDHVNRRNREHNENLNAEMQNLIKQKFILEQQEREKLQQKELQID SLLQQEKELSSSLHQKLCSFQEEMVKEKNLFEEELKQTLDELDKLQQKEEQAERLVK QLEEEAKSRAEELKLLEEKLGKKEAELEKSSAAHTQATLLLQEKYDSMVQSLEDVTA QFESYKALTASEIEDLKLENSSLQEKAAGKNAEDVQHQILATESSNQEYVRMLLD

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LQTKSALKETEIKEITVSFLQKITDLQNQLKQQEEDFRKQLEDEEGRKAEKENTTAE
 TEEINKWRLLYEELYNKTKPFQLQLDAFEVEKQALLNEHGAAQEQLNKIRDSYAKLL
 GHQNLKQKIKHVVKLKDENSQKSEVSKLRCQLAKKKQSETKLQEELNKVLGIKHFD
 PSKAFHHESKENFALKTPLKEGNTNCYRAPMECQESWKTRTRPLEQKLISEEDLAA
 NDILDYKDDDDKV

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_012484](#)

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Protein Refseq	NP_036616
MIM	600936
UniProt ID	O75330

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