Recombinant Full Length Human HMMR Protein, C-Flag-tagged

Cat. No. HMMR-1286HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HMMR Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	83.9 kDa
AA Sequence	MSFPKAPLKRFNDPSGCAPSPGAYDVKTLEVLKGPVSFQKSQRFKQQKESKQNLN VDKDTTLPASARKVK SSESKESQKNDKDLKILEKEIRVLLQERGAQDRRIQDLETEL EKMEARLNAALREKTSLSANNATLEKQL IELTRTNELLKSKFSENGNQKNLRILSLEL MKLRNKRETKMRGMMAKQEGMEMKLQVTQRSLEESQGKIA QLEGKLVSIEKEKID EKSETEKLLEYIEEISCASDQVEKYKLDIAQLEENLKEKNDEILSLKQSLEENIV ILSKQ VEDLNVKCQLLEKEKEDHVNRNREHNENLNAEMQNLKQKFILEQQEREKLQQKELQ IDSLLQQEK ELSSSLHQKLCSFQEEMVKEKNLFEEELKQTLDELDKLQQKEEQAERL VKQLEEEAKSRAEELKLLEEKL KGKEAELEKSSAAHTQATLLLQEKYDSMVQSLED

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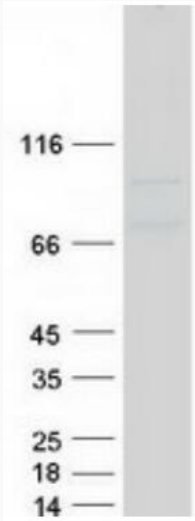
	VTAQFESYKALTASEIEDLKLENSSLQEKAAKAGKN AEDVQHQILATESSNQEYVRM LLDLQTKSALKETEIKEITVSFLQKITDLQNQLKQQEEDFRKQLEDEEG RKAEKENTT AELTEEINKWRLLYEELYNKTKPFQLQLDAFEVEKQALLNEHGAAQEQLNKIRDSYA KLLG HQNLKQKIKHVVKLKDENSQLKSEVSKLRCQLAKKKQSETKLQEELNKVLGIK HFDPSKAFHHESKENFA LKTPLKEGNTNCYRAPMECQESWKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Stem cell - Pluripotency
Protein Pathways	ECM-receptor interaction
Full Length	Full L.

GENE INFORMATION

Gene Name	HMMR hyaluronan mediated motility receptor [Homo sapiens (human)]
Official Symbol	HMMR

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Synonyms	CD168; IHABP; RHAMM
Gene ID	3161
mRNA Refseq	NM_012484.3
Protein Refseq	NP_036616.2
MIM	600936
UniProt ID	O75330



Coomassie blue staining of purified HMMR protein.

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