

Product datasheet for PH313373

CD168 (HMMR) (NM_012485) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HMMR MS Standard C13 and N15-labeled recombinant protein (NP_036617)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213373
Predicted MW:	82.1 kDa
Protein Sequence:	>RC213373 representing NM_012485 Red=Cloning site Green=Tags(s)

MSFPKAPLKRFDPSGCAPSPGAYDVKTLEVLKGPVSVFQKSQRFKQQKESKQNLNVDKDITLTPASARKVK
SSESKIRVLLQERGAQDRRIQDLETELEKMEARLNAALREKTSLSANNATLEKQLIELTRTNELLKSKFS
ENGNQKNLRILSLELMKLRNKRETKMRGMMAKQEGMEMKLVQVQSRLEESQGKIAQLEGKLVSIEKEKID
EKSETEKLLLEYIEEISCASDQVEKYKLDIAQLEENLKEKNDEILSLKQSLEENIVILSKQVEDLNVKQCL
LEKEKEDHVNRRNREHNENLNAEMQNLKQKFI LEQQEREKLVQKELQIDSLQQEKELSSSLHQKLCFSQE
EMAKEKNLFEELKQTLDELDKLQQKEEQAERLVKQLEEEAKSRAEELKLLLEKLGKEAELEKSSAAHT
QATLLLQEKYDSMVQSLQEDVTAQFESYKALTASEIEDLKLKENSLLQEKAAKAGKNAEDVQHILATESSN
QEYVRMLLDLQTKSALKETEIKEITVSFLQKITDLQNLKQQEEDFRKQLEDEEGRKAEKENTTAELTEE
INKWRLLYEELYNKTKPFQLQLDAFEVEKQALLNEHGAAQELNKRDSYAKLLGHQNLKQKIKHVVKLK
DENSQKSEVSKLRCQLAKKKQSETKLQEELNKVLGIKHFDPKAFHESKENFALKTPLKEGNTNRYA
PMECQESWK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	50 ug/ml as determined by BCA
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	100 mM glycine, 25 mM Tris-HCl, pH 7.3. Store at -80°C. Avoid repeated freeze-thaw cycles. Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_036617</u>
RefSeq Size:	2957
RefSeq ORF:	2127



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Synonyms: CD168; IHABP; RHAMM

Locus ID: 3161

UniProt ID: [O75330](#)

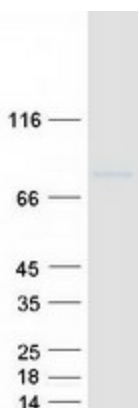
Cytogenetics: 5q34

Summary: 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]

Protein Families: Druggable Genome, Stem cell - Pluripotency

Protein Pathways: 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]).