

Product datasheet for PH313321

CD168 (HMMR) (NM_012484) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HMMR MS Standard C13 and N15-labeled recombinant protein (NP_036616)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213321
Predicted MW:	83.9 kDa
Protein Sequence:	>RC213321 representing NM_012484 Red=Cloning site Green=Tags(s)

MSFPKAPLKRFDNPSGCAPSPGAYDVKTLEVLKGPVSVFQKSQRFKQQKESKQNLNVDKDITLTPASARKVK
SSESKESQKNDKDLKILEKEIRVLLQERGAQDRRIQDLETELEKMEARLNAALREKTSLSANNATLEKQL
IELTRTNELLKSKFSENGNQKNLRILSLELMKLRNKRETKMRGMMAKQEGMEMKLQVTQRSLEESQKIA
QLEGKLVSIEKEKIDEKSETEKLLLEYIEEISCASDQVEKYKLDIAQLEENLKEKNDEILSLKQSLEENIV
ILSKQVEDLNVKCQLLEKEKEDHVNRRNREHNENLNAEMQNLKQKFILQQEREKQQKELQIDSLQQEK
ELSSSLHQKLCSEFQEMVKEKNLFEELKQTLDELKQKQEEQAERLVKQLEEEAKSRAEELKLLLEEK
KGKEAELEKSSAHTQATLLQEKYDSMVQSLEDVTAQFESYKALTASEIEDLKLENSLLQEKAAKAGKN
AEDVQHILATESNQEVYRMLDLQTKSALKETEIKEITVSFLQKITDLQNLKQEEEDFRKQLEDEEG
RKA EKENTTAELTEEINKWRLLYEELYNKTKPFLQLDAFEVEKQALLNEHGAAQQLNKIRDSYAKLLG
HQNLKQKIKHVVKLKDENSQKSEVSKLRCQLAKKKQSETKLEELNKVLGKHFDPKAFHHESKENFA
LKTPKKEGNTNCRAPMECQESWK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_036616</u>



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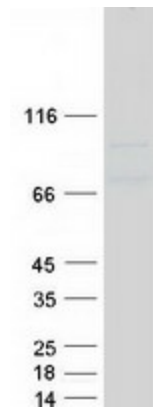
RefSeq Size:	3002
RefSeq ORF:	2172
Synonyms:	CD168; IHABP; RHAMM
Locus ID:	3161
UniProt ID:	O75330
Cytogenetics:	5q34

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# [TP313321]). The protein was produced from HEK293T cells transfected with HMMR cDNA clone (Cat# [RC213321]) using MegaTran 2.0 (Cat# [TT210002]).