

## Product datasheet for PH316638

### HIP1R (NM\_003959) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	HIP1R MS Standard C13 and N15-labeled recombinant protein (NP_003950)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216638
Predicted MW:	119.2 kDa
Protein Sequence:	>RC216638 representing NM_003959 Red=Cloning site Green=Tags(s)

MNSIKNVPARVLSRRPGHSLAEREQFDKTAISISKAINTQEAPVKEKHARRIILGTHHEKGAFWFWSY  
AIGLPLPSSSILSWKFCHVLHKVLRDGHNVLHDCQRYRSNIREIGDLWGLHHDYRQQLVNVYTKLLLTK  
ISFHLKHPQFPAGLEVTDDEVLEKAAGTDVNNIFQLTVMFDYMDCELKLSVFRQLNTAIAVSQMSSGQ  
CRLAPLIQVIQDCSHLYHYTVKLLFKLHSCLPADTLQGHRDRFHEQFHSLRNFFRRASDMLYFKRLIQIP  
RLPEGPPNFLRASALAEHIKPVVVIPEEAPDEEPEENLIEISTGPPAGEPVVVADLFDQTFGPPNGSVKD  
DRDLQIESLKREVEMLRSELEKIKLEAQRVIAQLKSQVNALEGELEEQRKQKQKALVDNEQLRHELAQLR  
AAQLEGERSQGLREEAERKASATEARYNKLKEKHSELVHVHAELLRKNADTAKQLTVTQSQEEVARVKE  
QLAFQVEQVKRESELKLEEKSDQLEKLRLEAKAGELARAQEALSHTEQSKSELSSRLDTLSAEKDALS  
GAVRQREADLLAAQSLVRETEAALSREQRSSQEQGELQGRLAERESQEQGLRQRLLDQFVLRGAAAE  
AAGILQDAVSKLDDPLHLRCTSSPDYLVSRAQEALDAVSTLEEHAQYLTSADASALVAALTRFSLAA  
DTIINGGATSHLAPDADRLIDTCRECGARALELMGQLQDQALRHMQLASLVRTPLQGILQLGQELKPK  
SLDVRQEELGAVVDKEMAATSAAIEDAVRRIEDMMNQARHASSGVKLEVNERILNSCTDLMKAIRLLVTT  
STSLQKEIVESGRGAATQQEFYAKNSRWTEGLISASKAVGWGATQLVEAADKVVLTHTGKYEELIVCSHEI  
AATAQLVAASKVKANKHSPHL SRLQECSTRVNERAANVVASTKSGQEIQIEDRDTMDFSGLSL IKLKKQE  
METQVRVLELEKTLEAERMRLGELRKQHYVLAGASGSPGEEVAIRPSTAPRSVTTKKPPLAQKPSVAPRQ  
DHQLDKKDGIIYPAQLVNY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

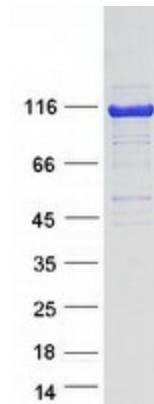
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



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<b>Storage:</b>	Store at -80°C. Avoid repeated freeze-thaw cycles.
<b>Stability:</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_003950</a>
<b>RefSeq Size:</b>	4473
<b>RefSeq ORF:</b>	3204
<b>Synonyms:</b>	HIP3; HIP12; ILWEQ
<b>Locus ID:</b>	9026
<b>UniProt ID:</b>	<a href="#">O75146</a>
<b>Cytogenetics:</b>	12q24.31
<b>Summary:</b>	Component of clathrin-coated pits and vesicles, that may link the endocytic machinery to the actin cytoskeleton. Binds 3-phosphoinositides (via ENTH domain). May act through the ENTH domain to promote cell survival by stabilizing receptor tyrosine kinases following ligand-induced endocytosis.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified HIP1R protein (Cat# [TP316638]). The protein was produced from HEK293T cells transfected with HIP1R cDNA clone (Cat# [RC216638]) using MegaTran 2.0 (Cat# [TT210002]).