

Product datasheet for PH318997

DRC1 (NM_145038) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C2orf39 MS Standard C13 and N15-labeled recombinant protein (NP_659475)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218997
Predicted MW:	87 kDa
Protein Sequence:	>RC218997 representing NM_145038 Red=Cloning site Green=Tags(s)

MNPPGSLEALDPNVDEHLSTQILAPSVHSDNSQERIQARRLRIAARLEARRREALGEYLDGKKESEEDQS
KSYKQKEESRLKAKLLCGTELVNTIQVAIDIREIHRRVEEEEIKRQRIEKLENEVKTSDKFDEITSK
WEEGKQKRIPQELWEMLNTQQLHCAGLLEDKNKLISELQQELKTKDDQYVKDLKKQSDDICLLERMEEQ
VKNVMKTFREELYNIEKAFAEVERQELLASNKKWEQALQAHNAKELEYLNNRMKKVEDYEQLNQRQIWD
CEEYNMIKIKLEQDVQILEQQLRKAIYQLNQEKLQYLNQVLLKRRDEESTVIKSSQQRKINRLHDILNN
LRSKYAKQIKQFQENQSLTSDYKRLVMQFKELQKAMRHFALIDDEKFWEIWLMEEEAKDLIARAFDVD
RIIHTHHLGLPWAAPDFWFLNNGVPISSQPQKSATQIVEEMLMRSEEEEAEEAAPEESYLDLPKQISEK
TTKRILMLLCDESGFLIESKLLSLLPLEQNECYLLRLDAIFSALGIESEDDLYKLVNFFLYRAHRLSS
SLQIKPCSQASMEKASMEETSTRSELELAEQTEMEGEKEESLVEGEKEEEETPPSPWVIHPNDVLKILE
AFVMGLKKPRDSRAPLRVQKNVRDNSKSEYWQALTTVIPSSKQNLWDALYTALEKYHLVLTQRAKLLLE
NSSLEQQNTELQALLQQYLNSKINSELQVPPTQVLRVPTK

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:	NP_659475

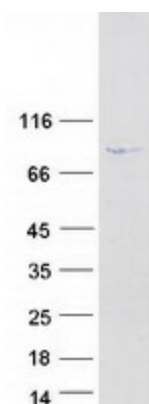


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RefSeq Size:	2490
RefSeq ORF:	2220
Synonyms:	C2orf39; CCDC164; CILD21
Locus ID:	92749
UniProt ID:	Q96MC2
Cytogenetics:	2p23.3

Summary: This gene encodes a central component of the nexin-dynein complex (N-DRC), which regulates the assembly of ciliary dynein. Mutations in this gene can cause ciliary dyskinesia. [provided by RefSeq, Aug 2015]

Product images:



Coomassie blue staining of purified DRC1 protein (Cat# [TP318997]). The protein was produced from HEK293T cells transfected with DRC1 cDNA clone (Cat# [RC218997]) using MegaTran 2.0 (Cat# [TT210002]).