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Product datasheet for PH305452

LRRC50 (DNAAF1) (NM_178452) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LRRC50 MS Standard C13 and N15-labeled recombinant protein (NP_848547)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205452
Predicted MW:	80 kDa
Protein Sequence:	>RC205452 protein sequence Red=Cloning site Green=Tags(s) MHPEPSEPATGGAAELDCAQEPGVEESAGDHGSAGRGGCKEEINDPKEICVGSSDTSYHSQQKQSGDNGS GGHFAHPREDREDRGPRMTKSSLQKLCKQHKLYITPALNDTLYLHFKGFDRIENLEEYTGLRCLWLQSNG IQKIENLEAQTELRCLFLQMNLLRKIENLEPLQKLDALNLSNNYIKTIENLSCLPVLNTLQMAHNHLETV EDIQHLQECLRLCVLDLSHNKLSDPEILSILESMPDLRVLNLMGNPVIRQIPNYRRTVTVRLKHLTYLDD RPVFPKDRACAEAWARGGYAAEKEERQQWESRERKKITDSIEALAMIKQRAEERKRQRESQERGEMTSSD DGENVPASAEGKEEPPGDRETRQKMELFVKESFEAKDELCPERPSGEEPPVEAKREDGGPEPEGTLPAET LLLSSPVEVKGEDGDGEPEGTLPAEAPPPPPPVEVKGEDGDQEPEGTLPAETLLLSPPVKVKGEDGDREP EGTLPAEAPPPLPLGAAREEPTPQAVATEGVFVTELDGTRTEDLETIRLETKETCCIDDLPDLEDDDETG KSLEDQNMCFPKIEVISSLSDDSDPELDYTSLPVLENLPTDTLSNIFAVSKDTSKAARVPFTDIFKKEAK RDSEIRKQDTKSPRPLIQELSDEDPSGQPLMPPTCQRDAAPLTSTGDRDSDFLAASSPVPTESAATPPET CVGVAQPSQALPTWDLTAFPAPKAS 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_848547

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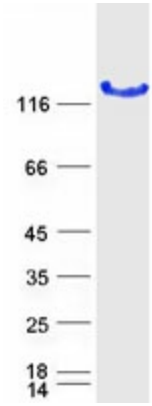
RefSeq Size:	2451
RefSeq ORF:	2175
Synonyms:	CILD13; DAU1; LRRC50; ODA7; swt
Locus ID:	123872
UniProt ID:	Q8NEP3, A0A140VJN4
Cytogenetics:	16q24.1
Summary:	The protein encoded by this gene is cilium-specific and is required for the stability of the ciliary architecture. It is involved in the regulation of microtubule-based cilia and actin-based brush border microvilli. Mutations in this gene are associated with primary ciliary dyskinesia-13. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]

Product images:



Coomassie blue staining of purified DNAAF1 protein (Cat# [TP305452]). The protein was produced from HEK293T cells transfected with DNAAF1 cDNA clone (Cat# [RC205452]) using MegaTran 2.0 (Cat# [TT210002]).