

Product datasheet for PH318469

C14orf151 (INF2) (NM_032714) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	INF2 MS Standard C13 and N15-labeled recombinant protein (NP_116103)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218469
Predicted MW:	26 kDa
Protein Sequence:	>RC218469 protein sequence Red=Cloning site Green=Tags(s) MSVKEGAQRKWAALKEKLGPDSDPTEANLESADPELCIRLLQMPSVVVNYSGLRKRLEGSDGGWVQFLE QSGDLLLEALARLSGRGVARISDALLQLTCVSCVRAVMNSRQIEYILSNQGYVRQLSQALDTSNVMVK KQVFELLAALCIYSPEGHVLTDALDHYKTVCSQQYRFSIVMNELSGSDNVPYVVVTLTSLVINAVILGPED LRARTQLRNEFIGLQLLDVLRRLR TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_116103</u>
RefSeq Size:	1719
RefSeq ORF:	702
Synonyms:	C14orf151; C14orf173; CMTDIE; FSG55; pp9484
Locus ID:	64423
UniProt ID:	<u>Q27J81</u>



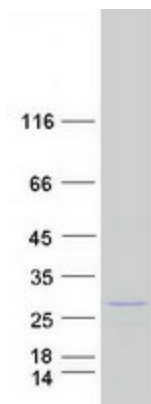
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Cytogenetics: 14q32.33

Summary: This gene represents a member of the formin family of proteins. It is considered a diaphanous formin due to the presence of a diaphanous inhibitory domain located at the N-terminus of the encoded protein. Studies of a similar mouse protein indicate that the protein encoded by this locus may function in polymerization and depolymerization of actin filaments. Mutations at this locus have been associated with focal segmental glomerulosclerosis 5.[provided by RefSeq, Aug 2010]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified INF2 protein (Cat# [TP318469]). The protein was produced from HEK293T cells transfected with INF2 cDNA clone (Cat# [RC218469]) using MegaTran 2.0 (Cat# [TT210002]).