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Product datasheet for PH326614

DSN1 (NM_001145316) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DSN1 MS Standard C13 and N15-labeled recombinant protein (NP_001138788)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC226614
Predicted MW:	39.9 kDa
Protein Sequence:	>RC226614 representing NM_001145316 Red=Cloning site Green=Tags(s) MTSVTRSEIIDEKGPVMSKTHDHQLESSLSPVEVFAKTSASLEMNQGVSEERIHLGSSPKKGGNCDLSHQ ERLQSKSLHLSPQEQSASYQDRRQSWRRASMKETNRRKSLHPIHQGITELSRSISVDLAESKRLGCLLLS SFQFSIQKLEPFLRDTKGFSLESFRAKASSLSEELKHFADGLETDGTLQKCFEDSNGKASDFSLEASVAE MKEYITKFSLERQTWDQLLLHYQQEAKEILSRGSTEAKITEVKVEPMTYLGSSQNEVLNTKPDYQKILQN QSKVFDCMELVMDELQGSVKQLQAFMDESTQCFQKVSVQLGKRSMQQLDPSPARKLLKLQLQNPPAIHGS GSGSCQ 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_001138788
RefSeq ORF:	1068
Synonyms:	C20orf172; dJ469A13.2; hKNL-3; KNL3; MIS13
Locus ID:	79980
UniProt ID:	Q9H410, A8K3X3

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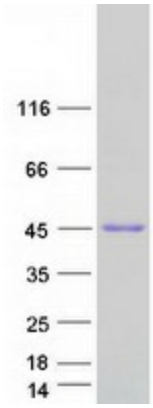
Cytogenetics: 20q11.23

Summary: This gene encodes a kinetochore protein that functions as part of the minichromosome instability-12 centromere complex. The encoded protein is required for proper kinetochore assembly and progression through the cell cycle. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2009]

Product images:



Coomassie blue staining of purified DSN1 protein (Cat# [TP326614]). The protein was produced from HEK293T cells transfected with DSN1 cDNA clone (Cat# [RC226614]) using MegaTran 2.0 (Cat# [TT210002]).