

## Product datasheet for PH326656

### DSN1 (NM\_001145318) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	DSN1 MS Standard C13 and N15-labeled recombinant protein (NP_001138790)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC226656
Predicted MW:	38.1 kDa
Protein Sequence:	>RC226656 representing NM_001145318 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MSKTHDHQLESSLSPVEVFAKTSASLEMNQGVSEERIHLSGSSPKKGGNCDLSHQERLQSKSLHLSPQEQS ASYQDRRQSWRRASMKETNRRKSLHPIHQGITELSRISVDLAESKRLGCLLLSSFQFSIQKLEPFLRDT KGFSLSEFRKASSLSEELKHFADGLETDLQKCFEDSNGKASDFSLEASVAEMKEYITKFSLERQTWD QLLLHYQQEAKEILSRGSTEAKITEVKVEPMTYLGSSQNEVLNTPDYQKILQNQSKVFDCEMELVMDELQ GSVKQLQAFMDESTQCFQKVSQVLGKRSMQQLDPSARKLLKLQLQNPPAIHGSGSGSCQ  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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
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:	<a href="#">NP_001138790</a>
RefSeq ORF:	1020
Synonyms:	C20orf172; dj469A13.2; hKNL-3; KNL3; MIS13
Locus ID:	79980
UniProt ID:	<a href="#">Q9H410</a>

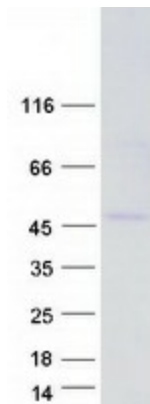


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Cytogenetics: 20q11.23

**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# [TP326656]). The protein was produced from HEK293T cells transfected with DSN1 cDNA clone (Cat# [RC226656]) using MegaTran 2.0 (Cat# [TT210002]).