

Recombinant Human DSN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DSN1-539H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DSN1 MS Standard C13 and N15-labeled recombinant protein (NP_001138788) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	39.9 kDa
AA Sequence	MTSVTRSEIIDEKGPVMSKTHDQLESSLSPVEVFAKTSASLEMNQGVSEERIHLGS SPKKGGNCDLSHQERLQSKSLHLSPQEQSASYQDRRQSWRRASMKETNRRKSLH PIHQGITELSRISVDLAESKRLGCLLLSSFQFSIQKLEPFLRDTKGFSLESFRAKASS LSEELKHFADGLETDLQKCFEDSNGKASDFSLEASVAEMKEYITKFSLERQTWD QLLLHYQQEAKEILSRGSTAEKITEVKVEPMTYLGSSQNEVLNTPDYQKILQNQSKV FDCMELVMDELQGSVKQLQAFMDESTQCFQKVSQVLGKRSMQQLDPSPARKLLKL QLQNPPAIHGSGSGSCQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

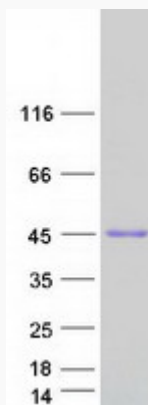
GENE INFORMATION

Gene Name	DSN1 DSN1 component of MIS12 kinetochore complex [Homo sapiens (human)]
Official Symbol	DSN1
Synonyms	DSN1; DSN1, MIND kinetochore complex component, homolog (S. cerevisiae); C20orf172, chromosome 20 open reading frame 172; kinetochore-associated protein DSN1 homolog; dJ469A13.2; hKNL 3; kinetochore null 3 homolog (C. elegans); KNL3; MIS13; kinetochore null 3 homolog; hKNL-3; C20orf172; FLJ13346; MGC32987;
Gene ID	79980
mRNA Refseq	NM_001145316
Protein Refseq	NP_001138788
MIM	609175
UniProt ID	Q9H410

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SDS-PAGE

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