Recombinant Human DIS3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DIS3-6219H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DIS3 MS Standard C13 and N15-labeled recombinant protein (NP_055768) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	DIS3 (DIS3 Homolog, Exosome Endoribonuclease And 3'-5' Exoribonuclease) is a Protein Coding gene. Diseases associated with DIS3 include Perlman Syndrome and Axenfeld-Rieger Syndrome, Type 2. Among its related pathways are Regulation of activated PAK-2p34 by proteasome mediated degradation and ATP/ITP metabolism. Gene Ontology (GO) annotations related to this gene include RNA binding and endonuclease activity. An important paralog of this gene is DIS3L.
Molecular Mass	109.1 kDa
AA Sequence	MLKSKTFLKKTRAGGVMKIVREHYLRDDIGCGAPGCAACGGAHEGPALEPQPQDPA SSVCPQPHYLLPDTNVLLHQIDVLEDPAIRNVIVLQTVLQEVRNRSAPVYKRIRDVTN NQEKHFYTFTNEHHRETYVEQEQGENANDRNDRAIRVAAKWYNEHLKKMSADNQL QVIFITNDRRNKEKAIEEGIPAFTCEEYVKSLTANPELIDRLACLSEEGNEIESGKIIFSE HLPLSKLQQGIKSGTYLQGTFRASRENYLEATVWIHGDNEENKEIILQGLKHLNRAVH EDIVAVELLPKSQWVAPSSVVLHDEGQNEEDVEKEEERERMLKTAVSEKMLKPTGR VVGIIKRNWRPYCGMLSKSDIKESRRHLFTPADKRIPRIRIETRQASTLEGRRIIVAIDG

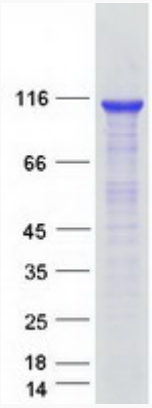
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	WPRNSRYPNGHFVRNLGDVGEKETETEVLLLEHDVPHQPFSQAVLSFLPKMPWSIT EKDMKNREDLRHLCICSVDPPGCTDIDDALHCRELENGNLEVGVHIADVSHFIRPGN ALDQESARRGTTVYLCEKRIDMVPELLSSNLCSLKCDVDRLAFSCIWEMNHNAEILK TKFTKSVINSKASLTYAEAQLRIDSANMNDDITTSLRGLNKLAKILKKRRIEKGALTLSS PEVRFHMDSETHDPIDLQTKELRETNSMVEEFMLLANISVAKKIHEEFSEHALLRKHP APPPSNYEILVKAARSRNLEIKTDTAKSLAESLDQAESPTFPYLNTLLRILATRCMMQ AVYFCSGMDNDFHHYGLASPIYTHFTSPIRRYADVIVHRLLAVAIGADCTYPELTDKH KLADICKNLNFRHKMAQYAQRASVAFHTQLFFKSKGIVSEEAYILFVRKNAIVVLIPKY GLEGTVFFEEKDKPNPQLIYDDEIPSLKIEDTVFHVFDKVKVKIMLDSSNLQHQKIRMS LVEPQIPGISIPTDTSNMDLNGPKKKKMKLGKTRTRPLEQKLISEEDLAANDILDYKDD DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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	DIS3 DIS3 homolog, exosome endoribonuclease and 3'-5' exoribonuclease [Homo sapiens (human)]
Official Symbol	DIS3
Synonyms	DIS3; DIS3 mitotic control homolog (S. cerevisiae); KIAA1008; exosome complex

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	exonuclease RRP44; dis3p; EXOSC11; exosome component 11; RRP44; 2810028N01Rik; protein DIS3 homolog; ribosomal RNA-processing protein 44; mitotic control protein dis3 homolog; bA555G22.1; RP11-342J4.3; FLJ10484; MGC33035; DKFZp667L1817;
Gene ID	22894
mRNA Refseq	NM_014953
Protein Refseq	NP_055768
MIM	607533
UniProt ID	Q9Y2L1
SDS-PAGE	

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