

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 SSVCPQPHYLLPDTNVLLHQIDVLEDPAIRNVIVLQTVLQEVNRNSAPVYKRIRDVTN NQEKFYFTFTNEHHRETYVEQEQQGENANDRNDRAIRVAAKWYNEHLKKMSADNQL QVIFITNDRRNKEKAIEEGIPAFTCEEYVKSILTANPELIDRLACLSEEGNEIESGKIIFSE HLPLSKLQQGIKSGTYLQGTFRASRENYLEATVWIHGDNEENKEIILQGLKHLNRAVH EDIVAVELLPKSQWVAPSSVVLHDEGQNEEDVEKEEERERMLKTAVSEKMLKPTGR VVGIIKRNRWPYCGMLSKSDIKESRRHLFTPADKRIPRIRIETRQASTLEGRRRIIVADG

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WPRNSRYPNGHFVRNLGVDGEKETETEVLLLEHDVPHQPFSQAVLSFLPKMPWSIT
 EKDMKNREDLRHLCICSVDPGCTDIDDALHCRELENGNLEVGVHIADVSHFIRPGN
 ALDQESARRGTTVYLCEKRIDMVPELLSSNLCSLKCDVDRLAFSCIWEMNHNAEILK
 TKFTKSVINSKASLTAEALRIDSANMNDDITSLRGLNKLAKILKKRRIEKGALTSS
 PEVRFHMDSETHDPIDLQTKELRETNSMVVEEFMLLANISVAKKIHEEFSEHALLRKHP
 APPPSNYEILVKAARSRNLEIKTDTAKSLAESLDQAESPTFPYLNLLRILATRCMMQ
 AVYFCSGMDNDFHHYGLASPIYTHFTSPIRRYADVIVHRLAVAIGADCTYPELTDKH
 KLADICKNLNFRHKMAQYAQRASVAFHTQLFFKSKGIVSEEAYILFVRKNAIVVLIPKY
 GLEGTVFFEEKDKPNPQLIYDDEIPSLKIEDTVFHVFDKVKVKIMLDSSNLQHQQIRMS
 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

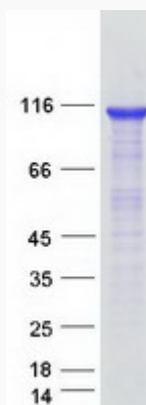
mRNA Refseq NM_014953

Protein Refseq NP_055768

MIM 607533

UniProt ID Q9Y2L1

SDS-PAGE



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