

Recombinant Human INTS1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. INTS1-6473H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	INTS1 MS Standard C13 and N15-labeled recombinant protein (NP_001073922) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	INTS1 is a subunit of the Integrator complex, which associates with the C-terminal domain of RNA polymerase II large subunit (POLR2A) and mediates 3-prime end processing of small nuclear RNAs U1 (RNU1) and U2 (RNU2).
Molecular Mass	244.7 kDa
AA Sequence	MNRAKPTTVRRPSAAAKPSGHPPP GDFIALGSKGQANESKTASTLLKPAPSGLPSE RKRDA AAAALSSASALTGLTKRPKLSSTPPLSALGR LAEAAVAEKRAISPSIKEPSVVPI EVLPTVLLDEIEAAELEGND DRIEGVLCGAVKQLKVTRAKPDSTLYLSLMYLAKIKPNI FATEGVIEALCSLLRRDASINFKAKGNSLVSVLACNLLMAAYEEDENWPEIFVKVYIE DSLGERI WVDS PHCKTFVDNIQTAFNTRMP PRSVLLQGEAGRVAGDLGAGSSPHPS LTEEEDSQTELLIAEEKLSPEQEGQLMPRYEELAESVEEYVLDMLRDQLNRRQPIDN VSRNLLRLLTSTCGYKEVRLLAVQKLEMWLQNPKLTRPAQDLLMSVCMNCNTHGSE DMDVISHLIKIRLKPKVLLNHFMLCIRELLSAHKDNLGTTIKLVIFNELSSARNPNM QV LYTALQHSSELAPKFLAMVFQDLLTNKDDYL RASRALLREIIKQTKHEINFQAFCLGL MQRKEPQYLEMEFKERFVVHITDVLAVSMMLGITAQVKEAGIAWDKGEKRNLEVL

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RSFQNIQIAAIQRDAVWWLHTVPSISKLAPKDYVHCLHKVLFTEQPETYKWDNWP
PESDRNFFLRLCSEVPILEDTLMRILVIGLSRELPLGPADAMELADHLVKRAAAVQAD
DVEVLKVGRTQLIDAVLNLCTYHHPENIQLPPGYQPPNLAISTLYWKAWPLLLVAAF
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QEILAFEGHLAAASTKQTITESSSLLLSQLTSLDPQGPPRRPPPHILDQVKSINQSLRL
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DDAASGEEDDEGESKEQKAKKRQRQKQQRQLLGRQLDLLLLGPKADEQTTCEVLDY
FLRRLGSSQVASRVLAMKGLSLVLSEGLSLRDGEEKEPPMEEDVGDTDLVQGYQWL
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SHFLACPLLRQLCQYQRCVPQDTGFSSFLKVLLQMLQWLDSPGVEGGPLRAQLR
MLASQASAGRRLSDVRGGLRLAEALAFRQDLEVVSSTVRAVIATLRSGEQCSVEP
DLISKVLQGLIEVRSPHLEELLTAFFSATADAASPPACKPVVVVSSLLLQEEEPLAG
GKPGADGGSLEAVRLGPSSGLLVDWLEMLDPEVVSSCPDLQLRLLFSRRKGKGQA
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QGRDQRTQPQRREELVLRVQGPSELISVELILAEATRSQDGDTAACSLIQARLPLLL
SCCCGDDDESVRKVTEHLGCIQQWGDVSLGRRCRDLLLQLYLQRPVLPVPEVLL
HSEGAASSSVCKLDGLIHRFITLLADTSDSRALENRGADASMCRKLAVAHPLLLLRH
LPMIAALLHGRTHLNFQEFRQQNHLSCFLHVLGLLELLQPHVFRSEHQGALWDCLLS
FIRLLLNYRKSSRHAAAFINKFVQFIHKYITYNAPAAISFLQKHADPLHDLSDFNSDLVM
LKSLLAGLSLPSRDDRTDRGLDEEGEEESSAGSLPLVSVSLFTPLTAAEMAPYMKRL
SRGQTVEDLLEVLSIDIDEMSRRRPEILSFFSTNLQRLMSSAECCRNLAFLSLALRSM
QNSPSIAAFLPTFMYCLGSQDFEVVQTALRNLPYALLCQEHAAVLLHRAFLVGMV
GQMDPSAQISEALRILHMEAVMTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.

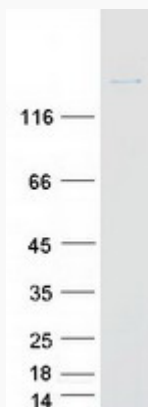
GENE INFORMATION

Gene Name	INTS1 integrator complex subunit 1 [Homo sapiens (human)]
Official Symbol	INTS1
Synonyms	INT1; NET28
Gene ID	26173
mRNA Refseq	NM_001080453
Protein Refseq	NP_001073922
MIM	611345
UniProt ID	Q8N201

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SDS-PAGE

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