

Recombinant Human INTS5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. INTS5-1407H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	INTS5 MS Standard C13 and N15-labeled recombinant protein (NP_085131) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The Integrator complex is a complex that associates with the C-terminal domain of RNA polymerase II large subunit. This complex is brought to U1 and U2 small nuclear RNA genes, where it is involved in the transcription and processing of their transcripts. The protein encoded by this gene represents a subunit of the Integrator complex.
Molecular Mass	107.8 kDa
AA Sequence	MSALCDPPGAPGPPGPAPATHGPAPLSAQELSQEIKAFLTGVDPILGHQLSAREHAR CGLLLLRSLPPARAALVDHLRGVFEDEVRAHLAALDETPVAGPPHLRPPPPSHVPAG GPGLEDVVQEVQQLSEFIRANPKAWAPVISAWSIDLMGQLSSTYSGQHQRVPHAT GALNELLQLWMGCRATRTLMDIYVQCLSALIGSCP DACVDALLDTSVQHSPHFDWV VAHIGSSFPGTIISRVLSCGLKDFCVHGGAGGGAGSSGSSSQTPSTDPFPGSPAIP AEKRVPKIASVVGILGHLASRHGDSIRRELLRMFHDSL AGGSGGRSGDPSLQATVPF LLQLAVMSPALLGTVSGELVDCLKPPAVLSQLQQHLQGFPREELDNMLNLAVHLVS QASGAGAYRLLQFLVDTAMPASVITTQGLAVPDTVREACDRLIQLLLLHLQKLVHHR

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GGSPGEGVLGPPPPRLVPFLDALKNHVGELCGETLRRLERKRFLWQHQLLGLLSVY
 TRPSCGPEALGHLLSRARSPEELSLATQLYAGLVVSLSGLLPLAFRSCCLARVHAGTL
 QPPFTARFLRNLALLVGWEQQGGEGPAALGAHFGESASAHLSDLAPLLLHPEEEVA
 EAAASLLAICPFPSEALSPSPLLGLVRAGVHRFFASRLRHGPPGVASACQLLTRLSQT
 SPAGLKAVLQLLVEGALHRGNTELFGGQVDGDNETLSVVSASLASASLLDTNRRHT
 AAVPGPGGIWSVFHAGVIGRGLKPPKFVQSRNQQEVYINTQSLLSLLVHCCSAPGG
 TECGECWGAPILSPEAAKAVAVTLVESVCPDAAGAELAWPPEEHARATVERDLRIG
 RRFREQPLL FELLKLVAAPALCYCSVLLRGLLAALLGHWEASRHPDTTHSPWHLE
 ASCTLVAVMAEGSLLPPALGNMHEVFSQLAPFEVRLLLSVWGFLREHGPLPQKFIF
 QSERGRFIRDFSREGGGEGGPHLAVLHSLVLRNIDRLGLFSGRFQAPSPSTLLRQG
 TSGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

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 INTS5 integrator complex subunit 5 [Homo sapiens (human)]

Official Symbol INTS5

Synonyms INTS5; integrator complex subunit 5; KIAA1698; INT5;

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Gene ID	80789
mRNA Refseq	NM_030628
Protein Refseq	NP_085131
MIM	611349
UniProt ID	Q6P9B9
SDS-PAGE	