

Recombinant Full Length Human INTS5 Protein, GST-tagged

Cat. No. INTS5-5674HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human INTS5 full-length ORF (NP_085131.1, 1 a.a. - 1019 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	1019 amino acids
Description	INTS5 is a subunit of the Integrator complex, which associates with the C-terminal domain of RNA polymerase II large subunit (POLR2A; MIM 180660) and mediates 3-prime end processing of small nuclear RNAs U1 (RNU1; MIM 180680) and U2 (RNU2; MIM 180690) (Baillat et al., 2005 [PubMed 16239144]).[supplied by OMIM
Molecular Mass	134.4 kDa
AA Sequence	MSALCDPPGAPGPPGPAPATHGPAPLSAQELSQEIKAFLTGVDPILGHQLSAREHAR CGLLLLRSLPPARAAVLDHLRGVFDESVDRAHLAALDETPVAGPPHLRPPPPSHVPAG GPGLEDVVQEVQQVLSEFIRANPKAWAPVISAWSIDLMGQLSSTYSQGQHRVPHAT GALNELLQLWMGCRATRRLMDIYVQCLSALIGSCP DACVDALLDTSVQHSPHFDWV VAHIGSSFPGTIISRVLSCGLKDFCVHGGAGGGAGSSGGSSSQTPSTDPFPGSPAIP AEKRVPKIASVVGILGHLASRHGDSIRRELLRMFHDSLGGSGGRSGDPSLQATVPF LLQLAVMSPALLGTVSGELVDCLKPPAVLSQLQQHLQGFPREELDNMLNLAVHLVS QASGAGAYRLLQFLVDTAMPASVITTQGLAVPDTVREACDRLIQLLLLHLQKLVHHR GGSPGEGVLGPPPPRVLVFLDALKNHV GELCGETLRLERKRFLWQHQLLGLLSVY

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TRPSCGPEALGHLLSRARSPEELSLATQLYAGLVVSLSGLLPLAFRSCCLARVHAGTL
 QPPFTARFLRNLALLVGWEQQGGEGPAALGAHFGEASASAHLSDLAPLLLHPPEEVA
 EAAASLLAICPPFPSEALSPSQLLGLVRAGVHRFFASLRLHGPPGVASACQLLTRLSQT
 SPAGLKAVLQLLVEGALHRGNTELFGGQVDGNETLSVVSASLASASLLDTNRRHT
 AAVPGPGGIWSVVFHAGVIGRGLKPPKFVQSRNQEQEVIYNTQSLLSLLVHCCSAPGG
 TECGECWGAPILSPEAAKAVAVTLVESVCPDAAGAELAWPPEEHARATVERDLRIG
 RRFREQPLLFEKLVAAAPPALCYCSVLLRGLLAALLGHWEASRHPDTTHSPWHLE
 ASCTLVAVMAEGSLLPVALGNMHEVFSQLAPFEVRLLLSVWGFLREHGPLPQKFIF
 QSERGRFIRDFSREGGGEGGPHLAVLHLSVLHRNIDRLGLFSGRFQAPSPSTLLRQG
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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	INTS5 integrator complex subunit 5 [Homo sapiens]
Official Symbol	INTS5
Synonyms	INTS5; integrator complex subunit 5; KIAA1698; INT5;
Gene ID	80789

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mRNA Refseq	NM_030628
Protein Refseq	NP_085131
MIM	611349
UniProt ID	Q6P9B9

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