

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 CGLLLLRSLPPARAALDHLRGVFDSESVRAHLAALDETPVAGPPHLRPPPPSHVPAG GPGLEDVVQEVQVLSEFIRANPKAWAPVISAWSIDLMGQLSSTYSGQHQRVPHAT GALNELLQLWMGCRATRTLMDIYVQCLSALIGSCPDACVDALLDTSVQHSPHFDWV VAHIGSSFPGTIISRVLSCGLKDFCVHGGAGGGAGSSGSSSQTPSTDPFPGSPAIP AEKRVPKIASVVGILGHLASRHGDSIRRELLRMFHDSLGGSGGRSGDPSLQATVPF LLQLAVMSPALLGTVSGELVDCLKPPAVLSQLQQLQGFPREELDNMLNLAVHLVS QASGAGAYRLLQFLVDTAMPASVITTQGLAVPDTVREACDRLIQLLLLHLQKLVHHR GGSPGEGVLGPPPPRLVPFLDALKNHVGELCGETLRLEKRFVWQHQLLGLLSVY

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TRPSCGPEALGHLLSRARSPEELSLATQLYAGLVVSLSGLLPLAFRSCCLARVHAGTL
 QPPFTARFLRNLALLVGWEQQGGEGPAALGAHFGESASAHLSDLAPLLLHPEEEVA
 EAAASLLAICPPFPSEALSPSQLGLVRAGVHRFFASRLHGPPGVASACQLLTRLSQT
 SPAGLKAVLQLLVEGALHRGNTELFGGQVDGNETLSVVSASLASASLLDTNRRHT
 AAVPGPGGIWSVVFHAGVIGRGLKPPKFVQSRNQQEVIYNTQSLLSLLVHCCSAPGG
 TECGECWGAPILSPEAAKAVAVTLVESVCPDAAGAELAWPPEEHARATVERDLRIG
 RRFREQPLLFEELLKLVAAPALCYCSVLLRGLLAALLGHWEASRHPDTTHSPWHLE
 ASCTLVAVMAEGSLLPPALGNMHEVFSQLAPFEVRLLLSVWGFLREHGFLPQKFIF
 QSERGRFIRDFSREGGGEGGPHLAVLHSLVLRNIDRLGLFSGRFQAPSPSTLLRQG
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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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