

Recombinant Full Length Human INTS3 Protein, GST-tagged

Cat. No. INTS3-5672HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human INTS3 full-length ORF (NP_075391.3, 1 a.a. - 1042 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	1042 amino acids
Description	INTS3 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	144.4 kDa
AA Sequence	MELQKGKGAAAAAASGAAGGGGGGAGAGAPGGGRLLLSTSLDAKDELEERLERC MSIVTSMTAGVSEREANDALNAYVCKGLPQHEEICLGLFTLILTEPAQAQKCYRDLAL VSRDGMNIVLNKINQILMEKYLKLQDTCRTQLVWLVLRELKSGVLGADGVCMTFMK QIAGGDVTAKNIWLAESVLDILTEQREWVLKSSILIAMAVYTYLRLIVDHHGTAQLQAL RQKEVDFCISLLRERFMECLMIGRDLVRLQLNVARIPEFELLWKDIIHNPQALSPQFT GILQLLQSRTSRKFLACRLTPDMETKLLFMTSRVRFGQQKRYQDWFQRQYLSTPDS QSLRCDLIRYICGVVHPSNEVLSSDILPRWAIIGWLLTTCTSNVAASNAKLALFYDWLF FSPDKDSIMNIEPAILVMHHSMPKHPAITATLLDFMCRIIPNFYPPLEGHVRQGVFSSL NHIVEKRVLAHLAPLFDNPKLKDKELRAMLREKFPFCSSPSPPEVKIEEPVSMEMD

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NHMSDKDESCYDNAEAAFSDDEEDLNSKGKKREFRFHPIKETVVEEPVDITPYLDQL
 DESLRDKVLQLQKGS DTEAQCEVMQEIVDQVLEEDFDSEQLSVLASCLQELFKAHF
 RGEVLP EEITEESLEESVGKPLYLIFRNLCQM QEDNSSFSLLLDLLSELYQKQPKIGY
 HLLYYLRASKAAAGKMNLYESFAQATQLGDLHTCLMMDMKACQEDDVRLCHLTPS
 IYTEFPDETLRSGELLMIVAVIDSAQLQELVCHVMMGNLVMFRKDSVLNILIQLDW
 ETFEQYCAWQLFLAHNIPL ETIIPILQHLKYKEHPEALSCLLLQLRREKPSEEMVKMVL
 SRPCHPDDQFTTSILRHWC MKHDELLAEHIKSLLIKNNSLPRKRQSLRSSSSKLAQLT
 LEQILEHLDNLRNLNTNKQNF FSQTPILQALQHVQASCDEAHKMKFSDLFSLAEEYE
 DSSTKPPKSRRKAALSSPRSRKNATQPPNAEEESGSSSASEEEDTKPKPTKRKRKG
 SSAVGSDSD

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

INTS3 integrator complex subunit 3 [Homo sapiens]

Official Symbol

INTS3

Synonyms

INTS3; integrator complex subunit 3; C1orf60, chromosome 1 open reading frame 60;
 FLJ21919; INT3; sensor of single strand DNA complex subunit A; SOSS A; RP11-
 216N14.4; sensor of ssDNA A; SOSS complex subunit A; sensor of ssDNA subunit A;

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sensor of single-strand DNA complex subunit A; SOSS-A; C1orf60; C1orf193;
FLJ44849; RP11-216N14.2; DKFZp686E1950; DKFZp781I1253; DKFZp686O20115;

Gene ID 65123

mRNA Refseq NM_023015

Protein Refseq NP_075391

MIM 611347

UniProt ID Q68E01

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