

Recombinant Full Length Human INTS4 Protein, GST-tagged

Cat. No. INTS4-5673HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human INTS4 full-length ORF (NP_291025.3, 1 a.a. - 963 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	963 amino acids
Description	INTS4 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	134.6 kDa
AA Sequence	<p>MAAHLKKRVEEFTKVVPQEEIATKKLRLTKPSKSAALHIDLCKATSPADALQYLLQ FARKPVEAESVEGVVRILLEHYYKENDPSVRLKIASLLGLLSKTAGFSPDCIMDDAINI LQNEKSHQVLAQLLDTLLAIGTKLPENQAIQMRLVDVACKHLTDTSHGVRNKCLQLL GNLGSLEKSVTKDAEGLAARDVQKIIGDYFSDQDPRVRTAAIKAMLQLHERGLKLHQ TIYNQACKLLSDDYEQVRSAAVQLIWWVVSQLYPESIVPISSNEEIRLVDDAFGKICHM VSDGSWVVRVQAAKLLGSMEQVSSHFLQTLDKKLMSDLRRKRTAHERAKELYSS GEFSSGRKWGDDAPKEEVDTGAVNLIESGACGAFVHGLEDEMYEVRIA AVEALCML AQSSPSFAEKCLDFLVMFNDEIEEVRLQSIHTMRKISNNITLREDQLD TVLAVLEDS SRDIREALHELLCCTNVSTKEGIHLALVELLKNLTKYPTDRDSIWKCLKFLGSRHPTLV</p>

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LPLVPELLSTHPFFDTAEPDMDDPAYIAVLVLIFNAAKTCPTMPALFSDHTFRHYAYL
 RDSLShLVPALRLPGRKLVSSAVSPSIIPQEDPSQQFLQQSLERVVSLQHLDPQGAQ
 ELLEFTIRDLQRLGELQSELAGVADFSATYLRQCQLLLIKALQEKLWNVAAPLYLKQSD
 LASAAAKQIMEETYKMEFMYSGVENKQVVIIHMHMLRQAKALQLIVTARTTRGLDPLFG
 MCEKFLQEVDFFQRYFIADLPHLQDSFVDKLLDLMPRLMTSKPAEVLKILQTMLRQS
 AFLHLPLPEQIHKASATIIEPAGESDNPLRFTSGLVVALDVDATLEHVQDPQNTVKVQ
 VLYPDGQAQMIHPKPADFRNPGPGRHRLITQVYLSHTAWTEACQVEVRLLLAYNSS
 ARIPKCPWMEGGEMSPQVETSIEGTIPFSKPKVYIMPKPARR

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

[INTS4 integrator complex subunit 4 \[Homo sapiens \]](#)

Official Symbol

[INTS4](#)

Synonyms

INTS4; integrator complex subunit 4; INT4; MGC16733; MST093; MSTP093;

Gene ID

[92105](#)

mRNA Refseq

[NM_033547](#)

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Protein Refseq NP_291025

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UniProt ID Q96HW7

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