Integrator Complex Subunit 8 (INTS8) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Integrator complex subunit 8 (INTS8), Recombinant Protein
Full Product Name	Recombinant Human Integrator complex subunit 8 (INTS8) , partial
Product Gene Name	INTS8 recombinant protein
Product Synonym Gene Name	INTS8
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	111,116 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	611351
3D Structure	ModBase 3D Structure for Q75QN2
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for INTS8 recombinant protein	MBS1373672 is a recombinant protein targeting INTS8. Also known as Recombinant Human Integrator complex subunit 8 (INTS8) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of INTS8 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for INTS8. It may not necessarily be applicable to this product.

NCBI GI #	70608109
NCBI GeneID	55656
NCBI Accession #	NP_060334.2
UniProt Primary Accession #	Q75QN2
UniProt Secondary Accession #	Q5RKZ3; Q6P1R5; Q7Z314; Q9NVS6; Q9NWY7; B2RN92
UniProt Related Accession #	Q75QN2
GenBank Nucleotide #	NM_017864.3
NCBI Official Full Name	integrator complex subunit 8

NCBI Official Synonym Full Names	integrator complex subunit 8
NCBI Official Symbol	INTS8
NCBI Official Synonym Symbols	INT8; C8orf52
UniProt Protein Name	Integrator complex subunit 8
UniProt Synonym Protein Names	Protein kaonashi-1
Protein Family	Integrator complex
UniProt Gene Name	INTS8
UniProt Synonym Gene Names	C8orf52; Int8
NCBI Protein Information	integrator complex subunit 8
NCBI Summary for INTS8	This gene encodes a subunit of the Integrator complex which is involved in the cleavage of small nuclear RNAs U1 and U2 within the nucleus. The encoded protein associates with RNA polymerase II and is recruited to the U1 and U2 small nuclear RNA genes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]
UniProt Comments for INTS8	Component of the Integrator complex, a complex involved in the small nuclear RNAs (snRNA) U1 and U2 transcription and in their 3'-box-dependent processing. The Integrator complex is associated with the C-terminal domain (CTD) of RNA polymerase II largest subunit (POLR2A) and is recruited to the U1 and U2 snRNAs genes.
Research Articles on INTS8	**1.** Mutations INTS8 cause a severe neurodevelopmental syndrome. INTS8 mutations lead in vitro to instability of the complex and impaired function.
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