

## Recombinant Mouse Ints1 Protein, Myc/DDK-tagged

Cat. No. Ints1-3557M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length integrator complex subunit 1 (Ints1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Component of the Integrator (INT) 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. Mediates recruitment of cytoplasmic dynein to the nuclear envelope, probably as component of the INT complex.
<b>Molecular Mass</b>	248.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Ints1 integrator complex subunit 1 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Ints1](#)

**Synonyms** [Ints1](#); [integrator complex subunit 1](#); [1110015K06Rik](#); [integrator complex subunit 1](#); [int1](#)

**Gene ID** [68510](#)

**mRNA Refseq** [NM\\_026748](#)

**Protein Refseq** [NP\\_081024](#)

**UniProt ID** [Q6P4S8](#)

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