# Integrator Complex Subunit 12 (INTS12) ELISA Kit for Mouse

## PRODUCT OVERVIEW

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| **Product Name** | integrator complex subunit 12 (INTS12), ELISA Kit |
| **Full Product Name** | Mouse Integrator complex subunit 12, INTS12 ELISA Kit |
| **Product Gene Name** | INTS12 elisa kit |
| **Product Synonym Names** | Mouse Integrator complex subunit 12 (INTS12) ELISA kit; INT12; PHF22; SBBI22; OTTHUMP00000161875; PHD finger protein 22; integrator complex subunit 12 |
| **Species Reactivity** | Mouse |
| **Preparation and Storage** | Store all reagents at 2-8 degree C |
| **Molecular Weight** | 48,568 Da |
| **3D Structure** | ModBase 3D Structure for Q9D168 |
| **Related Product Information for INTS12 elisa kit** | MBS9325367 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the integrator complex subunit 12 (INTS12) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing INTS12. The ELISA analytical biochemical technique of the MBS9325367 kit is based on INTS12 antibody-INTS12 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect INTS12 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, INTS12. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%). |
| **Other Notes** | Small volumes of INTS12 elisa kit 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 INTS12. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 21313674 |
| **NCBI GeneID** | 71793 |
| **NCBI Accession #** | NP_082203.1 |
| **UniProt Primary Accession #** | Q9D168 |
| **UniProt Secondary Accession #** | Q3U2Q5; Q921U2 |
| **UniProt Related Accession #** | Q9D168 |
| **GenBank Nucleotide #** | NM_027927.3 |
| **NCBI Official Full Name** | integrator complex subunit 12 |
| **NCBI Official Synonym Full Names** | integrator complex subunit 12 |
| **NCBI Official Symbol** | Ints12 |
| **NCBI Official Synonym Symbols** | Phf22; AI666778; 1110020M19Rik; 2810027J24Rik; 4930529N21Rik; A230056J18Rik |
| **UniProt Protein Name** | Integrator complex subunit 12 |
| **UniProt Synonym Protein Names** | PHD finger protein 22 |

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| **Protein Family** | Integrator complex |
| **UniProt Gene Name** | Ints12 |
| **UniProt Synonym Gene Names** | Phf22; Int12 |
| **UniProt Entry Name** | INT12_MOUSE |
| **NCBI Protein Information** | integrator complex subunit 12; int12; PHD finger protein 22 |
| **UniProt Comments for INTS12** | PHF22: 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.<br><br>Protein type: RNA-binding<br><br>Cellular Component: nucleus; integrator complex<br><br>Molecular Function: zinc ion binding; metal ion binding<br><br>Biological Process: snRNA processing |
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