

# Recombinant Human ISY1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ISY1-4682H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | ISY1 MS Standard C13 and N15-labeled recombinant protein (NP_065752) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | ISY1 (ISY1 Splicing Factor Homolog) is a Protein Coding gene. Among its related pathways are Transcription-Coupled Nucleotide Excision Repair (TC-NER) and Gene Expression. An important paralog of this gene is ISY1-RAB43.                                                                                                                     |
| <b>Molecular Mass</b>   | 33 kDa                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MARNAEKAMTALARFRQAQLEEGKVKERRPFLASECTELPKAEKWRRQIIGEISKKV<br>AQIQNAGLGEFRIRDLNDEINKLLREKGHWEVRIKELGGPDYGKVGPKMLDHEGKEV<br>PGNRGYKYFGAAKDLPGVRELFEKEPLPPPRKTRAELMKAIDFEYYGYLDEDDGVIV<br>PLEQEYEEKKLRAELVEKWKAEREARLARGEKEEEEEEEEEINIYAVTEESDEEGSQ<br>EKGDDDSQQKFIAHVPVPSQQEIEEALVRRKKMELLQKYASETLQAQSEEARRLLG<br>YTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                      |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                                                                       |

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|-----------------------|-------------------------------------------------------------|
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles. |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                               |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                     |

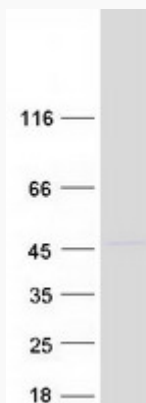
## GENE INFORMATION

|                        |                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ISY1 ISY1 splicing factor homolog [ Homo sapiens (human) ]                                                                      |
| <b>Official Symbol</b> | ISY1                                                                                                                            |
| <b>Synonyms</b>        | ISY1; ISY1 splicing factor homolog; FSAP33; pre-mRNA-splicing factor ISY1 homolog; functional spliceosome-associated protein 33 |
| <b>Gene ID</b>         | 57461                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_020701                                                                                                                       |
| <b>Protein Refseq</b>  | NP_065752                                                                                                                       |
| <b>MIM</b>             | 612764                                                                                                                          |
| <b>UniProt ID</b>      | Q9ULR0                                                                                                                          |

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**SDS-PAGE**

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