

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

**Cat. No.** RALY-3331H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | RALY MS Standard C13 and N15-labeled recombinant protein (NP_057951) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | This gene encodes a member of the heterogeneous nuclear ribonucleoprotein (hnRNP) gene family. This protein may play a role in pre-mRNA splicing and in embryonic development. Alternate splicing results in multiple transcript variants.                                                                                                                                    |
| <b>Molecular Mass</b>   | 32.6 kDa                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MSLKLQASNVTNKNDPKSINSRVFIGNLNTALVKKSDVETIFSKYGRVAGCSVHKG<br>YAFVQYSNERHARA AVLGENGRVL AGQTL D INMAGEPKPDRPKGLKRAASAIYSGYIF<br>DYDYRRDDFYDRLFDYRGRLSPVPVPRAVPVKRPRVTVPLVRRVKTNVPVKLFARS<br>TAVTTSSAKIKLKSSSELQAIKTEL TQIKSNIDALLSRLEQIAAEQKANPDGKKKGDGGG<br>ASGGGGGGGGSGGGGSGGGGGGGSSRPPAPQENTTSEAGLPQGEARTRDDGD<br>EEGLLTHSEEELEHSQD TDADDGALQTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <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.                                                                                                                                                                                                                                                                                    |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

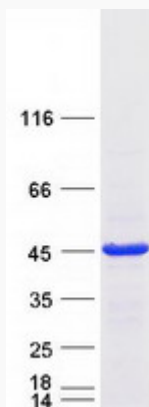
 45-1 Ramsey Road, Shirley, NY 11967, USA

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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.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>        | RALY RALY heterogeneous nuclear ribonucleoprotein [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Official Symbol</b>  | RALY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>         | RALY; RNA binding protein, autoantigenic (hnRNP-associated with lethal yellow homolog (mouse)); RNA binding protein (autoantigenic, hnRNP associated with lethal yellow); RNA-binding protein Raly; HNRPCL2; P542; autoantigen p542; hnRNP core protein C-like 2; RNA-binding protein (autoantigenic); heterogeneous nuclear ribonucleoprotein C-like 2; hnRNP associated with lethal yellow protein homolog; RNA-binding protein (autoantigenic, hnRNP-associated with lethal yellow); MGC117312; |
| <b>Gene ID</b>          | 22913                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>      | NM_016732                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>   | NP_057951                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>MIM</b>              | 614663                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>       | Q9UKM9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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**SDS-PAGE**

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