

# Recombinant human RALY protein

Catalog Number: ATGP2834

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-306aa

### UniProt No.

Q9UKM9

### NCBI Accession No.

NP\_057951

### Alternative Names

RNA-binding protein Raly, RNA binding protein Raly, HNRPCL2, P542

## PRODUCT SPECIFICATION

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### Molecular Weight

34.9 kDa (329aa)

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

RALY is 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. Recombinant human RALY protein, fused to His-tag at N-terminus, was expressed in E. coli.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMSLKLQA SNVTNKNDPK SINSRVFIGN LNTALVKKSD VETIFSKYGR VAGCSVHKGY  
AFVQYSNERH ARAAVLGENG RVLAGQTLDI NMAGEPKPDR PKGLKRAASA IYSGYIFDYD YRDDFDYDRL FDYRGRLSPV

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PVPRAVPVKR PRVTVPLVRR VKTNVPVKLF ARSTAVTTSS AKIKLKSEL QAIKTELTQI KSNIDALLSR LEQIAAEQKA  
NPDGKKKGDG GGAGGGGGGG GSGGGGSGGG GGGGSSRPPA PQENTTSEAG LPQGEARTRD DGDEEGLLTH  
SEEELEHSQD TDADDGALQ

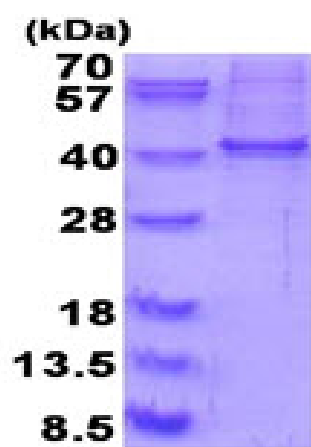
## General References

Daub H., et al. (2008) Mol. Cell. 31:438-448.

Mayya V., et al. (2009) Sci. Signal. 2:RA46-RA46.

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)