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**Product Data Sheet**


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Product Name: RALY Human  
 Cat. No.: GP24326  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.

**Synonyms** RALY Heterogeneous Nuclear Ribonucleoprotein; RNA-Binding Protein (Autoantigenic; HnRNP-Associated With Lethal Yellow); HnRNP Associated With Lethal Yellow Protein Homolog; Heterogeneous Nuclear Ribonucleoprotein C-Like 2; HnRNP Core Protein C-Like 2; Autoantigen P542; HNRPC2; P542; RNA Binding Protein; Autoantigenic (HnRNP-Associated With Lethal Yellow Homolog(Mouse)); RNA Binding Protein; Autoantigenic (HnRNP-Associated With Lethal Yellow Homolog); RNA-Binding Protein (Autoantigenic); RNA-Binding Protein Raly; RNA-binding protein Raly.

**Amino Acid Sequence** MGSSHHHHH SGLVPRGSH MGSMSLKLQA SNVTNKNDPK SINSRVFIGN LNTALVKKSD VETIFSKYGRVAGCSVHKG Y AFVQYSNERH ARAAVLGENG RVLGQTLDI NMAGEPKPDR PKGLKRAASA IYSGYIFDYDYRDDFYDRL FDYRGRLSPV PVPRAVPVKR PRVTVPLVRRVKTNPVKLF ARSTAVTTSS AKIKLKSEL QAIKTELTQI KSNIDALLSRLEQIAAEQKA NPDGKKKGDG GGAGGGGGGG GSGGGGSGGG GGGGSSRPPA PQENTTSEAG LPQGEARTRDDGDEEGLLTH SEEELEHSQD TDADDGALQ.

**Formulation** RALY protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

**Introduction**

RALY belongs to the heterogeneous nuclear ribonucleoprotein (hnRNP) gene family. RALY takes part in pre-mRNA splicing and also in embryonic development. Moreover, alternate splicing results in multiple transcript variants have been found for RALY.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

RALY Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 329 amino acids (1-306 a.a) and having a molecular mass of 34.9kDa. RALY is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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