

Recombinant Human RALY heterogeneous nuclear ribonucleoprotein, His-tagged

Cat. No. RALY-611H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RALY, 1-306aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-306 a.a.
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Molecular Mass	34.9 kDa (329aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMCLKLQA SNVTNKNDPK SINSRVFIGN LNTALVKKSD VETIFSKYGR VAGCSVHKG Y AFVQYSNERH ARAAVLGENG RVLAGQTLDI NMAGEPKPDR PKGLKRAASA IYSGYIFDYD YYRDDFYDRL FDYRGRLSPV PVPRAVPVKR PRVTVPLVRR VKTNVPVKLF ARSTAVTTSS AKIKLKSEL QAIKTELTQI KSNIDALLSR LEQIAAEQKA NPDGKKKG DG GGAGGGGGGG GSGGGGSGGG GGGGSSRPPA PQENTTSEAG LPQGEARTRD DGDEEGLLTH SEEELEHSQD TDADDGALQ

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Purity	>90% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	RALY RNA binding protein, autoantigenic (hnRNP-associated with lethal yellow homolog (mouse)) [Homo sapiens]
Official Symbol	RALY
Synonyms	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;
Gene ID	22913
mRNA Refseq	NM_007367
Protein Refseq	NP_031393
UniProt ID	Q9UKM9
Chromosome	20q11.21-q11.23

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Location**Function**

RNA binding; nucleic acid binding; nucleotide binding;

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