

Recombinant Human LYAR

Catalog No: #GP13633



Package Size: #GP13633-1 100ug

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Description

Product Name	Recombinant Human LYAR
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 180-379 amino acids of human LYAR
Target Name	Ly1 antibody reactive
Other Names	ZLYAR; ZC2HC2
Accession No.	Swissprot:Q9NX58Gene Accession:BC015796
Uniprot	Q9NX58
GeneID	55646;
Storage	-20~-80°C, pH 7.6 PBS

Background

Plays a role in the maintenance of the appropriate processing of 47S/45S pre-rRNA to 32S/30S pre-rRNAs and their subsequent processing to produce 18S and 28S rRNAs (PubMed:24495227). Also acts at the level of transcription regulation. Along with PRMT5, binds the gamma-globin (HBG1/HBG2) promoter and represses its expression (PubMed:25092918). In neuroblastoma cells, may also repress the expression of oxidative stress genes, including CHAC1, HMOX1, SLC7A11, ULBP1 and SNORD41 that encodes a small nucleolar RNA (PubMed:28686580). Preferentially binds to a DNA motif containing 5'-GGTTAT-3' (PubMed:25092918). Stimulates phagocytosis of photoreceptor outer segments by retinal pigment epithelial cells (By similarity). Prevents nucleolin/NCL self-cleavage, maintaining a normal steady-state level of NCL protein in undifferentiated embryonic stem cells (ESCs), which in turn is essential for ESC self-renewal (By similarity).

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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