

Recombinant Human RBMXL2 Protein, GST-tagged

Cat. No. RBMXL2-4902H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HNRNPG-T partial ORF (NP_055284, 1 a.a. - 90 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	1-90 a.a.
Description	This gene belongs to the HNRPG subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has two RRM domains that bind RNAs. This gene is intronless and is thought to be derived from a processed retroposon. However, unlike many retroposon-derived genes, this gene is not a pseudogene. The encoded protein has similarity to HNRPG and RBMY proteins and it is suggested to replace HNRPG protein function during meiotic prophase or act as a germ cell-specific splicing regulator. It primarily localizes to the nuclei of meiotic spermatocytes. This gene is a candidate for autosomal male infertility. [provided by RefSeq

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Molecular Mass	35.64 kDa
AA Sequence	MVEADRPGLKFIGGLNLETDEKALEAEFGKYGRIVEVLLMKDRETNKSRGFAFVTFE SPADAKAAARDMNGKSLDGKAIKVAQATKPAFE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	RBMXL2 RNA binding motif protein, X-linked-like 2 [Homo sapiens]
Official Symbol	RBMXL2
Synonyms	RBMXL2; RNA binding motif protein, X-linked-like 2; RNA-binding motif protein, X-linked-like-2; heterogeneous nuclear ribonucleoprotein G T; HNRNPG T; HNRPGT; hnRNP G-T; testes specific heterogenous nuclear ribonucleoprotein G T; testes-specific heterogenous nuclear ribonucleoprotein G-T; testis-specific heterogeneous nuclear ribonucleoprotein G-T; HNRNPGT; HNRNPG-T;
Gene ID	27288
mRNA Refseq	NM_014469

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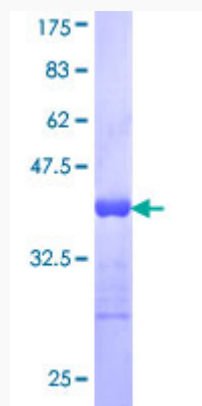
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Protein Refseq NP_055284

MIM 605444

UniProt ID O75526

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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