

# Recombinant Human RBMXL2 protein, GST-tagged

**Cat. No.** RBMXL2-5744H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RBMXL2 protein(271-392 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 271-392 aa                                                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. |
| <b>AASequence</b>       | GDHLSRGSHREPFESYGELRGAAPGRGTTPPSYGGGGRYEEYRGYSPDAYSGGRD<br>SYSSSYGRSDRYSRGRHRVGRPDRLGLSLSMERGCPPQRDSYSRSGCRVPRGGG<br>RLGGRRLERGGGRSRY                                                                                                                                                                      |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                                                                                      |
| <b>Reconstitution</b>   | Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25                                                                                                                                                                                                                    |

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

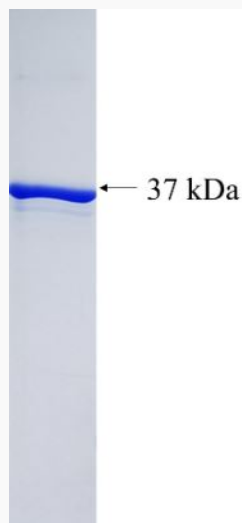
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | RBMXL2 RNA binding motif protein, X-linked-like 2 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                |
| <b>Official Symbol</b> | RBMXL2                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 27288                                                                                                                                                                                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>     | NM_014469                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_055284                                                                                                                                                                                                                                                                                                                                                                         |
| <b>MIM</b>             | 605444                                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID</b>      | O75526                                                                                                                                                                                                                                                                                                                                                                            |

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**SDS-PAGE**

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