

## Recombinant Human LYRM7 protein, GST-tagged

**Cat. No.** LYRM7-301221H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human LYRM7 (1-104 aa) protein, fused to GST tag, was expressed in E. coli.                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Met1-Gln104                                                                                                                                                                                                                            |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| <b>AA Sequence</b>      | MGRAVKVLQLFKTLHRTRQQVFKNDARALEAARIKINEEFKNNKSETSSKKIEELMKI<br>GSDIELLLRTSVIQGIHTDHTLKLVPKDLLVENVPYCDAPTQKQ                                                                                                                             |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                               |
| <b>Stability</b>        | Store for up to 12 months at -20°C to -80°C as lyophilized powder.                                                                                                                                                                     |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.   |

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|-----------------------|-----------------------------------------------------------------------------------------|
| <b>Reconstitution</b> | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.               |
|                       | Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage |

## GENE INFORMATION

|                  |                                                       |
|------------------|-------------------------------------------------------|
| <b>Gene Name</b> | LYRM7 LYR motif containing 7 [ Homo sapiens (human) ] |
|------------------|-------------------------------------------------------|

|                        |       |
|------------------------|-------|
| <b>Official Symbol</b> | LYRM7 |
|------------------------|-------|

|                 |                        |
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| <b>Synonyms</b> | MZM1L; MC3DN8; C5orf31 |
|-----------------|------------------------|

|                |       |
|----------------|-------|
| <b>Gene ID</b> | 90624 |
|----------------|-------|

|                    |              |
|--------------------|--------------|
| <b>mRNA Refseq</b> | NM_001293735 |
|--------------------|--------------|

|                       |              |
|-----------------------|--------------|
| <b>Protein Refseq</b> | NP_001280664 |
|-----------------------|--------------|

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| <b>MIM</b> | 615831 |
|------------|--------|

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