# Recombinant Human HRSP12 protein, GST-tagged

**Cat. No.** HRSP12-3053H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human HRSP12 protein(P52758)(2-137aa), fused to N-terminal GST tag, was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 2-137aa |
| **Form** | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| **Molecular Mass** | 41.4 kDa |
| **AA Sequence** | SSLIRRVISTAKAPGAIGPYSQAVLVDRTIYISGQIGMDPSSGQLVSGGVAEEAKQALKNMGEILKAAGCDFTNVVKTTVLLADINDFNTVNEIYKQYFKSNFPARAAYQVAALPKGSRIEIEAVAIQGPLTTASL |
| **Purity** | Greater than 90% as determined by SDS-PAGE. |
| **Storage** | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |

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| **Reconstitution** | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

## GENE INFORMATION

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| **Gene Name** | HRSP12 heat-responsive protein 12 [ Homo sapiens ] |
| **Official Symbol** | HRSP12 |
| **Synonyms** | HRSP12; heat-responsive protein 12; ribonuclease UK114; P14.5; PSP; translational inhibitor p14.5; UK114; UK114 antigen homolog; perchloric acid-soluble protein; translational inhibitor protein p14.5; 14.5 kDa translational inhibitor protein; |
| **Gene ID** | 10247 |
| **mRNA Refseq** | NM_005836 |
| **Protein Refseq** | NP_005827 |
| **MIM** | 602487 |
| **UniProt ID** | P52758 |

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