

# Recombinant Full Length Human RPF1 Protein, GST-tagged

**Cat. No.** RPF1-1694HF    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                                                                                                                                                                                                                                     |
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| <b>Product Overview</b>     | Human BXDC5 full-length ORF ( NP_079341.1, 1 a.a. - 349 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                       |
| <b>Species</b>              | Human                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>               | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>        | 349 amino acids                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>          | Enables RNA binding activity. Predicted to be involved in maturation of 5.8S rRNA and maturation of LSU-rRNA. Located in nucleolus.                                                                                                                                                                                                                                                 |
| <b>Form</b>                 | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>       | 66.5 kDa                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>          | MAKAGDKSGSSGKKSLKRKAAAEELQEAAGAGDGATENGVQPPKAAAFPPGFSIS<br>EIKNKQRRHLMFTRWKQQQRKEKLAAKKKLKKEREALGDKAPPKVPKIDNQRVY<br>DETTVDPNDEEVAYDEATDEFASYFNKQTSPKILITTSRPHGRTVRLCEQLSTVIPN<br>SHVYYRRGLALKKIIPQCIARDFTDLIVINEDRKTPNGLILSHLPNGPTAHFKMSSVRL<br>RKEIKRRGKDPTEHIPEIILNFTTRLGHSIGRMFASLFPHNPQFIGRQVATFHNQRD<br>YIFFRFHRYIFRSEKKVGIQELGPRFTLKLRLSLQKGTFDISKYGEYEWVHKPREMDTS<br>RRFHHL |
| <b>Quality Control Test</b> | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                                                                                                                                                                                                                                                                                                         |

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| <b>Storage</b> | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
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| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
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## GENE INFORMATION

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| <b>Gene Name</b> | RPF1 ribosome production factor 1 homolog (S. cerevisiae) [ Homo sapiens ] |
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| <b>Official Symbol</b> | RPF1 |
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| <b>Synonyms</b> | BXDC5; RP11-118B23.1 |
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| <b>Gene ID</b> | 80135 |
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|--------------------|-------------|
| <b>mRNA Refseq</b> | NM_025065.6 |
|--------------------|-------------|

|                       |             |
|-----------------------|-------------|
| <b>Protein Refseq</b> | NP_079341.2 |
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| <b>UniProt ID</b> | Q9H9Y2 |
|-------------------|--------|

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