

## Recombinant Human PIBF1 protein, His&Myc-tagged

**Cat. No.** PIBF1-2452H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PIBF1 protein(Q8WXW3)(1-757aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 1-757aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | 94.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | <p>MSRKISKESKKVNISSSLESEDISLETTVPTDDISSSEEREGKVRITRQLIERKELLHNI</p> <p>QLLKIELSQKTMIDNLKVDYLTKEELEEKLNDALHQBKQLTLRLDNQLAFQQKQDAS</p> <p>KYQELMKQEMETILLRQKQLEETNLQLREKAGDVRRNLRDFELTEEQYIKLKAFPED</p> <p>QLSIPEYVSVRFYELVNPLRKEICELQVKKNILAEELSTNKNQLKQLTETYEEDRKNY</p> <p>SEVQIRCQRLALELADTKQLIQQGDYRQENYDKVKSERDALEQEVIELRRKHEILEAS</p> <p>HMIQTKERSELSKEVVTLEQTVTLLQKDKEYLNRQNMELSVRCAHEEDRLERLQAQ</p> <p>LEESKKAREEMYEKYVASRDHYKTEYENKLHDELEQIRLKTNQEIDQLRNASREMYE</p> <p>RENRLREARDNAVAEKERAVMAEKDALEKHDQLLDYRELQLSTESKVTEFLHQS</p> <p>KLKSFESERVQLLQEETARNLTQCQLECEKYQKKLEVLTKEFYSLQASSEKRITELQ</p> |

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AQNSEHQARLDIYEKLEKELDEIIMQTAEIENEDEAERVLFSYGYGANVPTTAKRRLK  
 QSVHLARRVLQLEKQNSLILKDLEHRKDQVTQLSQELDRANSLNQTQQPYRYLIES  
 VRQRDSKIDSLTESIAQLEKDVSNLNKEKSALLQTKNQMALDLEQLLNHREELAAMK  
 QILVKMHSKHSENLLTKTEPKHVTENQKSKTLNVPKEHEDNIFTPKPTLFTKKEAP  
 EWSKKQKMKT

**Purity** Greater than 90% as determined by SDS-PAGE.

**Storage** Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**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%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name** [PIBF1 progesterone immunomodulatory binding factor 1 \[ Homo sapiens \]](#)

**Official Symbol** [PIBF1](#)

**Synonyms** PIBF1; progesterone immunomodulatory binding factor 1; C13orf24, chromosome 13 open reading frame 24; progesterone-induced-blocking factor 1; progesterone induced blocking factor 1; progesterone-induced blocking factor 1; PIBF; CEP90; C13orf24; RP11-505F3.1; KIAA1008;

**Gene ID** [10464](#)

**mRNA Refseq** [NM\\_006346](#)

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|                |           |
|----------------|-----------|
| Protein Refseq | NP_006337 |
| MIM            | 607532    |
| UniProt ID     | Q8WXW3    |

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