

Recombinant Full Length Human PIBF1 Protein, C-Flag-tagged

Cat. No. PIBF1-1782HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PIBF1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a protein that is induced by the steroid hormone progesterone and plays a role in the maintenance of pregnancy. The encoded protein regulates multiple facets of the immune system to promote normal pregnancy including cytokine synthesis, natural killer (NK) cell activity, and arachidonic acid metabolism. Low serum levels of this protein have been associated with spontaneous pre-term labor in humans. This protein may promote the proliferation, migration and invasion of glioma.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	89.6 kDa
AA Sequence	MSRKISKESKKVNISSSLESEDISLETTVPTDDISSSEEREGKVRITRQLIERKELLHNI QLLKIELSQK TMMIDNLKVDYLTKEELEEKLNDALHQKQLLTRLDNQLAFQQKDAS KYQELMKQEMETILLRQKQLEE TNLQLREKAGDVRRNLRDFELTEEQYIKLKAFPED QLSIPEYVSVRFYELVNPLRKEICELQVKKNILAE ELSTNKNQLKQLTETYEEDRKNY SEVQIRCQRLALELADTKQLIQQGDYRQENYDKVKSERDALEQEVIE LRRKHEILEA SHMIQTKERSELSKEVVTLEQTVTLLQKDKEYLNRQNMELSVRCAHEEDRLERLQA QLEE SKKAREEMYEKYVASRDHYKTEYENKLHDELEQIRLKTNQEIDQLRNASREM

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YERENRNLREARDNAVAE KERA VMAEKDALEKHDQLLD RYRELQLSTESKVTEFLH
 QSKLKSFESE RVQLLQEETARNLTQCQLECEK YQKKLEVLTKEFYSLQASSEKRITE
 LQAQNSEHQARLDIYEKLEKELDEIIMQTAEIENEDEAERVLF SY GYGANVPTTAKR
 RLKQSVHLARRVLQLEKQNSLILKDLEHRKDQVTQLSQELDRANSLLNQTQQPYRYL
 IESVRQRDSKIDSLTESIAQLEKDVSNLNKEKSALLQTKNQMALDLEQLLNHREELAA
 MKQILVKMHSKHS ENSLLLTKTEPKHVTENQKSKTLNVPKEHEDNIFTPKPTLFTKK
 EAPEWSKKQKMKT TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining.

Stability Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80 centigrade.

Concentration >50 ug/mL as determined by microplate BCA method.

Preparation Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Full Length Full L.

GENE INFORMATION

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

Official Symbol [PIBF1](#)

Synonyms PIBF; CEP90; JBTS33; C13orf24

Gene ID [10464](#)

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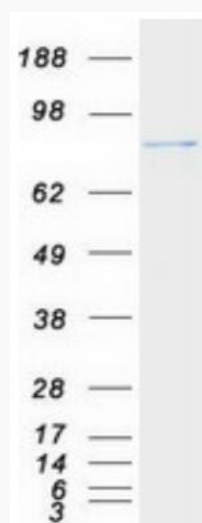
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mRNA Refseq [NM_006346.4](#)

Protein Refseq [NP_006337.2](#)

MIM [607532](#)

UniProt ID [Q8WXW3](#)



Coomassie blue staining of purified PIBF1 protein.

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