

Recombinant Human PIBF1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. PIBF1-141H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PIBF1 MS Standard C13 and N15-labeled recombinant protein (NP_006337) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	89.8 kDa
AA Sequence	MSRKISKESKKVNISSSLESEDISLETTVPTDDISSSEEREGKVRITRQLIERKELLHNI QLLKIELSQKTMMIDNLKVDYLTKEELEEKLNDAHQKQLLTRLDNQLAFQQKQDAS KYQELMKQEMETILLRQKQLEETNLQLREKAGDVRNLRDFELTEEQYIKLKAFPED QLSIPEYVSVRFYELVNPLRKEICELQVKKNILAEELSTNKNQLKQLTETYEEDRKNY SEVQIRCQRLALELADTKQLIQQGDYRQENYDKVKSERDALEQEVIELRRKHEILEAS HMIQTKERSELSKEVVTLEQTVTLLQKDKEYLNRQNMELSVRCAHEEDRLERLQAQ LEESKKAREEMYEKYVASRDHYKTEYENKLHDELEQIRLKTNQEIDQLRNASREMYE

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RENRLREARDNAVAEKERAVMAEKDALEKHDQLLDYRELQLSTESKVTEFLHQS
 KLKSFESERVQLLQEETARNLTQCQLECEKYQKKLEVLTKEFYSLQASSEKRITELQ
 AQNSEHQARLDIYEKLEKELDEIIMQTAEIENEDEAERVLFSYGYGANVPTTAKRRLK
 QSVHLARRVLQLEKQNSLILKDLEHRKDQVTQLSQELDRANSLNQTQQPYRYLIES
 VRQRDSKIDSLTESIAQLEKDVSNLNKEKSALLQTKNQMALDLEQLLNHREELAAMK
 QILVKMHSKHSENSLLLTKEPKHVTENQKSKTLNVPKEHEDNIFTPKPTLFTKKEAP
 EWSKKQKMKTTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol [PIBF1](#)

Synonyms PIBF1; progesterone immunomodulatory binding factor 1; C13orf24; CEP90; JBTS33; PIBF; progesterone-induced-blocking factor 1; centrosomal protein of 90 kDa

Gene ID [10464](#)

mRNA Refseq [NM_006346](#)

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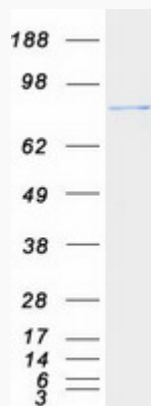
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Protein Refseq NP_006337

MIM 607532

UniProt ID Q8WXW3

SDS-PAGE



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