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 QLLKIELSQKTMMIDNLKVDYLTKIEELEEKLNDALHQKQLLTLRLDNQLAFQQKDAS KYQELMKQEMETILLRQKQLEETNLQLREKAGDVRRNLRDFELTEEQYIKLKAFPED QLSIPEYVSVRFYELVNPLRKEICELQVKKNILAEELSTNKNQLKQLTETYEEDRKNY SEVQIRCQRLALELADTKQLIQQGDYRQENYDKVKSERDALEQEVIELRRKHEILEAS HMIQTKERSELSKEVVTLEQTVTLLQKDKEYLNRQNMELSVRCAHEEDRLERLQAQ LEESKKAREEMYEKYVASRDHYKTEYENKLHDELEQIRLKTNQEIDQLRNASREMYE

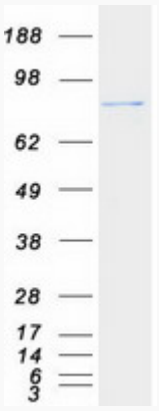
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	RENRNLREARDNAVAEKERAVMAEKDALEKHDQLLDRYRELQLSTESKVTEFLHQS KLKSFESERVQLLQEETARNLTQCQLECEKYQKKLEVLTKEFYSLQASSEKRITELQ AQNSEHQARLDIYEKLEKELDEIIMQTAEIENEDEAERVLFSYGYGANVPTTAKRRLK QSVHLARRVLQLEKQNSLILKDLEHRKDQVTQLSQELDRANSLLNQTQQPYRYLIES VRQRDSKIDSLTESIAQLEKDVSNLNKEKSALLQTKNQMALDLEQLLNHREELAAMK QILVKMHSKHSENSLLLTKTEPKHVTENQKSKTLNVPKEHEDNIFTPKPTLFTKKEAP EWSKKQKMKTTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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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Protein Refseq	NP_006337
MIM	607532
UniProt ID	Q8WXW3
SDS-PAGE	

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