

Recombinant Human PIBF1 protein, His & T7-tagged

Cat. No. PIBF1-1452H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIBF1 aa. (Asn13~Val203 (Accession # Q8WXW3)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asn13~Val203
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	Freeze-dried powder
Molecular Mass	30kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	4.9

GENE INFORMATION

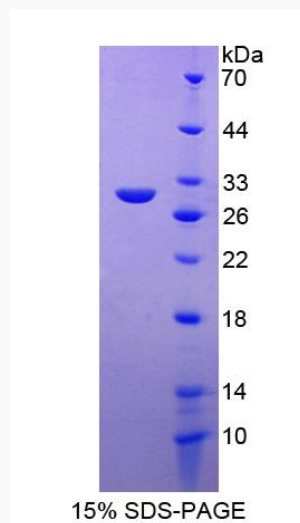
Gene Name	PIBF1 progesterone immunomodulatory binding factor 1 [Homo sapiens (human)]
Official Symbol	PIBF1
Synonyms	PIBF1; progesterone immunomodulatory binding factor 1; PIBF; CEP90; C13orf24; progesterone-induced-blocking factor 1; centrosomal protein of 90 kDa
Gene ID	10464
mRNA Refseq	NM_006346.3
Protein Refseq	NP_006337.2
UniProt ID	Q8WXW3

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SDS-PAGE



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