

Product datasheet for TP308744L

C13orf24 (PIBF1) (NM_006346) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human progesterone immunomodulatory binding factor 1 (PIBF1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208744 protein sequence Red=Cloning site Green=Tags(s)

MSRKISKESKKVNISSSESEDISLETTVPTDDISSEEREGKVRITRQLIERKELLHNIQLLKIELSQK
TMMIDNLKVDYLTKEELEEKLNDALHQQQLLTLRLDNQLAFQQKDASKYQELMKQEMETILLRQKQLEE
TNLQLREKAGDVRRLRDFELTEEQYIKLKAFPEDQLSIPEYVSVRFYELVNLPLRKEICELQVKNILAE
ELSTNKNQLKQLTETYEEDRKNYSEVQIRCQLALELADTKQLIQGGDYRQENYDKVKSERDALEQEVIE
LRRKHEILEASHMIQTKERSELSKEVVTLEQTVTLLQKDKEYLNRQNMELSVRCAHEEDRLERLQAQLEE
SKKAREEMYEKYVASRDHYKTEYENKLHDELEQIRLKTNQEIDQLRNASREMYERENRNLREARDNAVAE
KERAVMAEKDALEKHDQLLDYRELQLSTESKVTEFLHQSKLKSFESERVQLLQEETARNLTQCQLECEK
YQKKLEVLTKEFYSLQASSEKRITELQAQNSEHQARLDIYEKLEKELDEIIMQTAEIENEDEAERVLFYSY
GYGANVPTTAKRRLKQSVHLARRVLQLEKQNSLILKDLHRKDQVTQLSQELDRANSLNQTQQPYRYLI
ESVRQRDSKIDSLTESIAQLEKDVSNLNKEKSALLQTKNQMALDLEQLLNHREELAAMKQILVKMHSKHS
ENLLLLTKTEPKHVTENQSKTLNVPKEHEDNIFTPKPTLFTKKEAPEWSKKQKMKT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

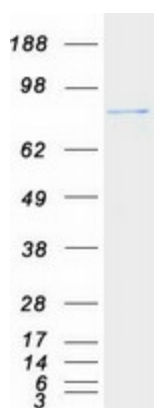
Tag:	C-Myc/DDK
Predicted MW:	89.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006337
Locus ID:	10464
UniProt ID:	Q8WXW3
RefSeq Size:	3114
Cytogenetics:	13q21.33-q22.1
RefSeq ORF:	2271
Synonyms:	C13orf24; CEP90; JBTS33; PIBF
Summary:	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. [provided by RefSeq, Mar 2017]

Product images:



Coomassie blue staining of purified PIBF1 protein (Cat# [TP308744]). The protein was produced from HEK293T cells transfected with PIBF1 cDNA clone (Cat# [RC208744]) using MegaTran 2.0 (Cat# [TT210002]).