

Product datasheet for PH308744

C13orf24 (PIBF1) (NM_006346) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PIBF1 MS Standard C13 and N15-labeled recombinant protein (NP_006337)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208744
Predicted MW:	89.8 kDa
Protein Sequence:	>RC208744 protein sequence Red=Cloning site Green=Tags(s)

MSRKISKESKKNVNISSSLESEDISLETTVPTDDISSSEEREGKVRITRQLIERKELLHNIQLLKIELSQK
TMMIDNLKVDYLTKEIELEEKLNDAHQKQLLTLRLDNQLAFQQKDASKYQELMKQEMETILLRQKQLEE
TNLQLREKAGDVRRNLRDFELTEEQYIKLKAFPEDQLSIPYVSVRFYELVNPLRKEICELQVKNILAE
ELSTNKNQKQLTETYEEDRKNYSEVQIRCQLALELADTKQLIQGGDYRQENYDKVKSERDALEQEVIE
LRRKHEILEASHMIQTKERSELSKEVVTLEQTVTLQKDKKEYLNRQNMELSVRCAHEEDRLERLQAQLEE
SKKAREEMYEKYASRDHYKTEYENKLHDELEQIRLKTNQEIDQLRNASREMYERENRNLREARDNAVAE
KERAVMAEKDALEKHDQLLDYRELQLSTESKVTEFLHQSKLKSFESEVQLLQEETARNLTQCQLECEK
YQKKLEVLTKEFYSLQASSEKRITELQAQNSEHQARLDIYEKLEKELDEIIMQTAEIENEDEAERVLFSY
GYGANVPTTAKRRLKQSVHLARRVLQLEKQNSLILKDLEHRKDQVTQLSQELDRANSLNQTQPPYRYLI
ESVRQRDSKIDSLTESIAQLEKDVSNLNKEKSALLQTKNQMALDLEQLLNHREELAAMKQILVKMHSKHS
ENSLLLTKTEPKHV TENQSKSTLNVKPEHEDNIFTPKPTLFTKKEAPEWSKKQKMKT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_006337</u>

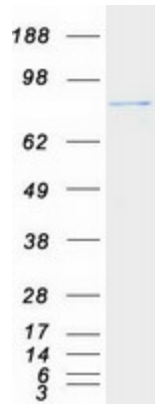


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RefSeq Size:	3114
RefSeq ORF:	2271
Synonyms:	C13orf24; CEP90; JBTS33; PIBF
Locus ID:	10464
UniProt ID:	Q8WXW3
Cytogenetics:	13q21.33-q22.1

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]).