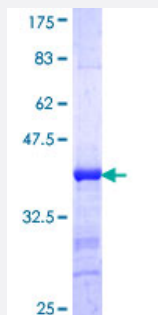


PIBF1 (Human) Recombinant Protein (Q01)

Catalog # H00010464-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PIBF1 partial ORF (NP_006337, 660 a.a. - 755 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EKSALLQTKNQMALDLEQLLNHREELAAMKQILVKMHSKHSENSLLLTKEPKHVTENQKSKTLN VPKEHEDNIFTPKPTLFTKKEAPEWSKKQKM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.3
Interspecies Antigen Sequence	Mouse (88); Rat (88)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PIBF1

Entrez GeneID [10464](#)

GeneBank Accession# [NM_006346](#)

Protein Accession# [NP_006337](#)

Gene Name PIBF1

Gene Alias C13orf24, KIAA1008, PIBF, RP11-505F3.1

Gene Description progesterone immunomodulatory binding factor 1

Omim ID [607532](#)

Gene Ontology [Hyperlink](#)

Other Designations progesterone-induced blocking factor 1

Publication Reference

- [Interleukin-33-induced expression of PIBF1 by decidual B cells protects against preterm labor.](#)

Huang B, Faucette AN, Pawlitz MD, Pei B, Goyert JW, Zhou JZ, El-Hage NG, Deng J, Lin J, Yao F, Dewar RS 3rd, Jassal JS, Sandberg ML, Dai J, Cols M, Shen C, Polin LA, Nichols RA, Jones TB, Bluth MH, Puder KS, Gonik B, Nayak NR, Puscheck E, Wei WZ, Cerutti A, Colonna M, Chen K.

Nature Medicine 2016 Dec; 23(1):128.

Application: Func, Mouse, Mouse uterine neutrophils

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)