

For Research Use Only

G-CSF Recombinant Matched Antibody Pair, PBS Only



Catalog Number: **MP02556-1**

Capture Antibody Information

Catalog Number:	86376-1-PBS	Clone ID:	250389H1
Host:	Rabbit	Reactivity:	human
Isotype:	IgG	GenBank:	
Purification Method:	Protein A purification	Immunogen Catalog Number:	HZ-1207

Conjugate:
Unconjugated
Full name:
colony stimulating factor 3
(granulocyte)
Gene ID:
1440

Detection Antibody Information

Catalog Number:	86376-2-PBS	Clone ID:	250389A8
Host:	Rabbit	Reactivity:	human
Isotype:	IgG	GenBank:	
Purification Method:	Protein A purification	Immunogen Catalog Number:	HZ-1207

Conjugate:
Unconjugated
Full name:
colony stimulating factor 3
(granulocyte)
Gene ID:
1440

Applications

Tested Applications:	Sandwich ELISA	Range:	19.5-1250 pg/mL (Sandwich ELISA)	Recommended Dilutions:
				It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02556-1 targets G-CSF in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.
Capture antibody: G-CSF Recombinant antibody, PBS Only (Capture) 86376-1-PBS (250389H1). 100 μ g.
Concentration 1 mg/ml.
Detection antibody: G-CSF Recombinant antibody, PBS Only (Detector) 86376-2-PBS (250389A8). 100 μ g.
Concentration 1 mg/ml.
Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology.
Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.
Antibody use should be optimized for each application and assay.

Storage

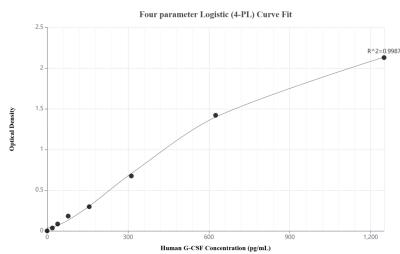
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptgcn.com

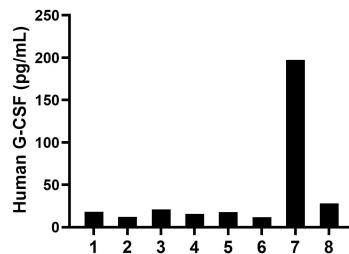
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

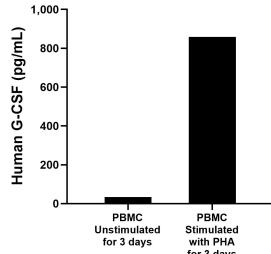
Selected Validation Data



Sandwich ELISA standard curve of MP02556-1, Human G-CSF Recombinant Matched Antibody Pair - PBS only. 86376-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard HZ-1207. 86376-2-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



Serum of eight individual healthy human donors was measured. The G-CSF concentration of detected samples was determined to be 40.3 pg/mL with a range of 11.8-197.6 pg/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 3 days. The mean G-CSF concentration was determined to be 33.9 pg/mL in unstimulated PBMC supernatant, 858.2 pg/mL in PHA stimulated PBMC supernatant.