Human GM-CSF, AOF Recombinant Protein

Product Details	
Size	20 µg
Species	Human
Expression system	E. coli
Amino acid sequence	Human GM-CSF recombinant protein contains 128 amino acids
Molecular weight	14.6 kDa
Class	Recombinant
Type	Protein
Purity	>98% by SDS-PAGE and HPLC
Endotoxin concentration	<1 EU/µg
Activity	ED50 < 0.1 ng/mL; determined by the dose-dependent proliferation of human TF-1 cells.
Conjugate	Unconjugated
Form	Lyophilized
Purification	purified
Contains	no preservative
Storage conditions	-20°C

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (IHC)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Functional Assay (FN)	Assay-dependent	-
Control (Ctrl)	Assay-dependent	-

Product Specific Information

Carrier-Free

Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute GM-CSF in sterile, distilled water to a concentration of 0.1-1.0 mg/mL. Further dilutions should be made in aqueous buffers supplemented with carrier protein.

Storage: This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C. Avoid repeated freeze-thaw cycles.

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