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Product Sheet

Cynomolgus IL-3 Protein; His Tag

GM-88634RP-100 / 100 μg
GM-88634RP-1000 / 1 mg

Product Information

Product Name	Cynomolgus IL-3 Protein; His Tag
Source	Cynomolgus IL-3 Protein; His Tag (GM-88634RP) is expressed from human 293 cells (HEK-293). It contains AA Ala 20 - Gln 143 (Accession # G7P877). This protein carries a His tag at the C-terminus.
Predicted MW	14.9 kDa
Purity	> 90% as determined by SDS-PAGE
Endotoxin	< 1 EU/μg, determined by LAL gel clotting assay
Formulation	Liquid; Supplied as a 0.2 μm filtered solution of PBS, pH 7.2–7.4.
Storage	Store at ≤ -70°C, stable for 6 months after receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Shipping	Shipped on dry ice.
Synonyms	MCGF, MGC79398, MGC79399, MULTI-CSF, Interleukin-3
Background	IL-3 is a pleiotropic cytokine of the interleukin family, mainly produced by activated T cells and also by mast cells and eosinophils in some contexts. It binds to the IL-3 receptor complex (IL-3Rα/CSF2RB) on hematopoietic progenitor cells, promoting the survival, proliferation, and differentiation of multiple myeloid lineages in hematopoiesis. In summary, IL-3 is a key hematopoietic growth factor with biomarker and therapeutic potential in bone marrow failure, allergic inflammation, and hematological malignancies.

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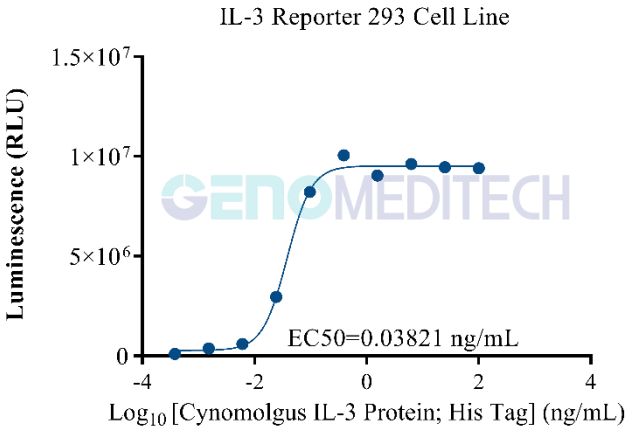
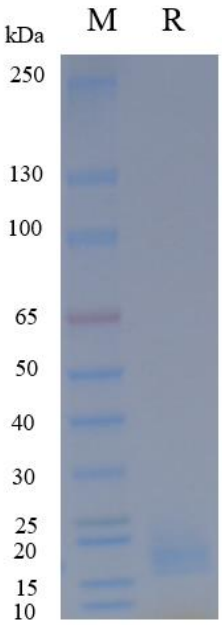
Data

Biological Activity



Cynomolgus IL-3 Protein; His Tag (Catalog # GM-88634RP) was added into IL-3 Reporter 293 Cell Line (Catalog # GM-C26142) and stimulates related signals.

Purity



On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

Related Products

IL-3	
IL-3 Reporter 293 Cell Line	Cynomolgus_CD123(IL3RA) CHO-K1 Cell Line
H_CD123(IL3RA) CHO-K1 Cell Line	H_CD123(IL3RA) HEK-293 Cell Line
Anti-H_CD123 hIgG2 Antibody(Talacotuzumab)	
Human IL-3 Protein; hFc Tag	Human IL-3 Protein; His Tag
Human IL-3RA Protein; His Tag	