Human GM-CSF R alpha protein (Recombinant) (C-His-Avi) {Biotin} (STJP001695)

GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293

PRODUCT PROPERTIES

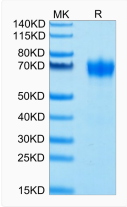
Formulation	Lyophilised from 0.2 μm filtered PBS solution pH7.4.
Molecular Weight	Recombinant Human GM-CSF R alpha is a protein consisting of amino acid residues [Glu23-Gly320], The protein has a predicted MW of 37.7 kDa. Due to glycosylation, the protein migrates to 68-75 kDa based on Tris-Bis PAGE result..
Storage Instruction	The lyophilized protein is stable for at least 1 year from date of receipt at-20°C.

TARGET INFORMATION

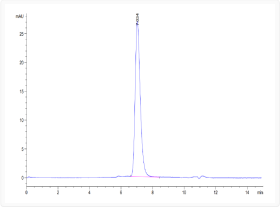
Gene ID	1438
Gene Symbol	CSF2RA
UniProt ID	CSF2R_HUMAN
Immunogen Region	Glu23-Gly320

ADDITIONAL INFORMATION

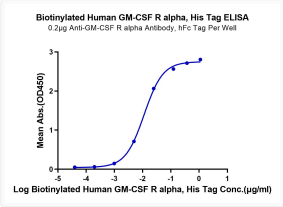
Note	STRICTLY FOR FURTHER RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



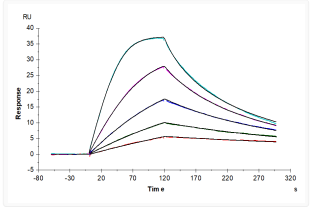
Biotinylated Human GM-CSF R alpha on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.



The purity of Biotinylated Human GM-CSF R alpha is greater than 95% as determined by SEC-HPLC.



Immobilized Anti-GM-CSF R alpha Antibody, hFc Tag at 2 Mu g/ml (100 Mu l/well) on the plate. Dose response curve for Biotinylated Human GM-CSF R alpha, His Tag with the EC50 of 11. 3ng/ml determined by ELISA.



Biotinylated Human GM-CSF R alpha, His-Avi Tag captured on CM5 Chip via Anti-His Antibody can bind Human GM-CSF, No Tag with an affinity constant of 1. 68 nM as determined in SPR assay (Biacore T200).