

Recombinant Human IL-1RA/IL-1RN

Cat.No.:MGC167 size:20µg/100µg/1mg

Characteristics:

Source	<i>E.coli</i>
Species	Human
Tag	Tag free
Description	Human IL-1RA/IL-1RN (Arg26-Glu177)
Accession#	P18510
Predicted molecular mass	~17.2 kDa. It is composed of one non-glycosylated polypeptide chain containing 152 amino acids.

Specification:

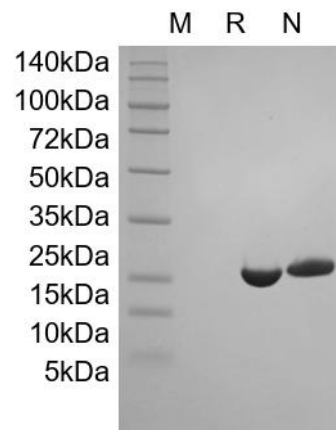
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%,by SDS-PAGE(under reducing(R)&Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.1 EU/µg
Activity	The ED50 as determined by inhibiting IL-1α-dependent proliferation of murine D10S cells is less than 40 ng/ml, corresponding to a specific activity of $\geq 2.5 \times 10^4$ IU/mg in the presence of 50 pg/ml rHuIL-1α.
Formulation	0.2 µm-filtered solution containing 20 mM PB, with 150 mM NaCl pH 7.4.

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water. 细胞因子溶解、稀释、保存可使用即用型专用溶剂套装—PWL240（1mL无菌水+10mL稀释液）
Shipping	Wet ice (seasonal)
Storage & Stability	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

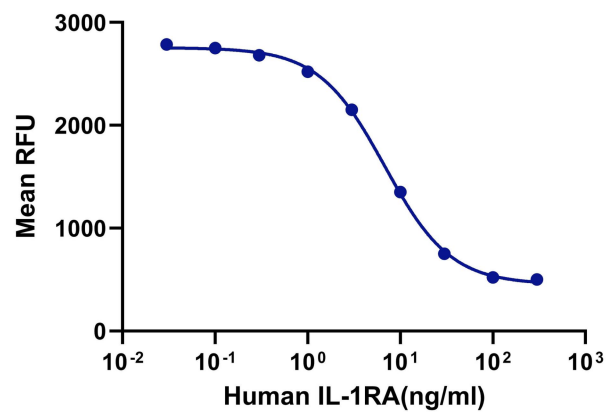
Data:

SDS-PAGE



Recombinant Human IL-1RA/IL-1RN (Cat. No. MGC167) SDS-PAGE under reducing (R) & Non-reducing conditions.

Bioactivity



The ED₅₀ as determined by inhibiting IL-1 α -dependent proliferation of murine D10S cells is less than 40 ng/ml, corresponding to a specific activity of $\geq 2.5 \times 10^4$ IU/mg in the presence of 50 pg/ml rHuIL-1 α .

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