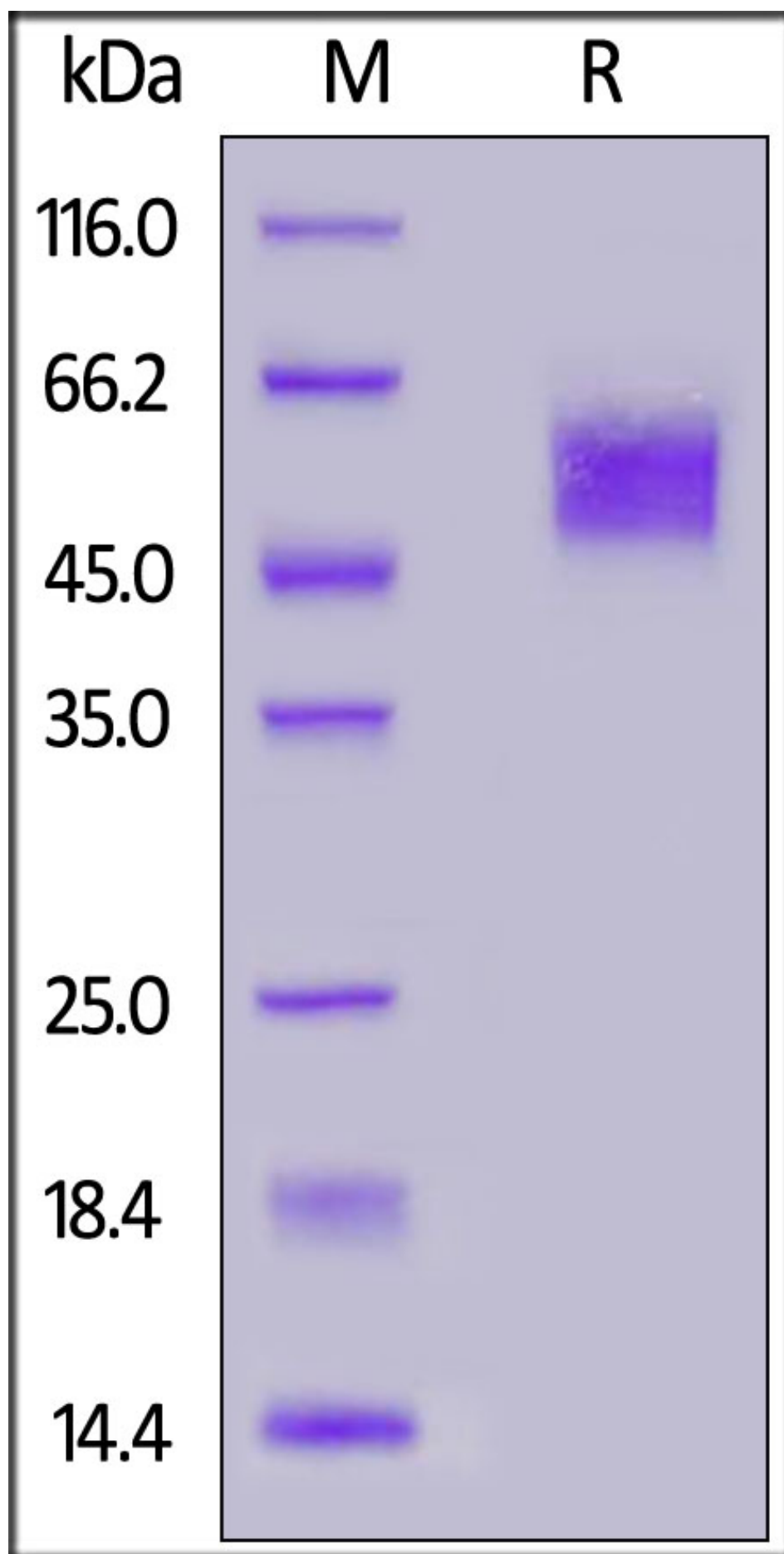


Recombinant Human FCGR3A(V176) protein, N-His-SUMO Tag

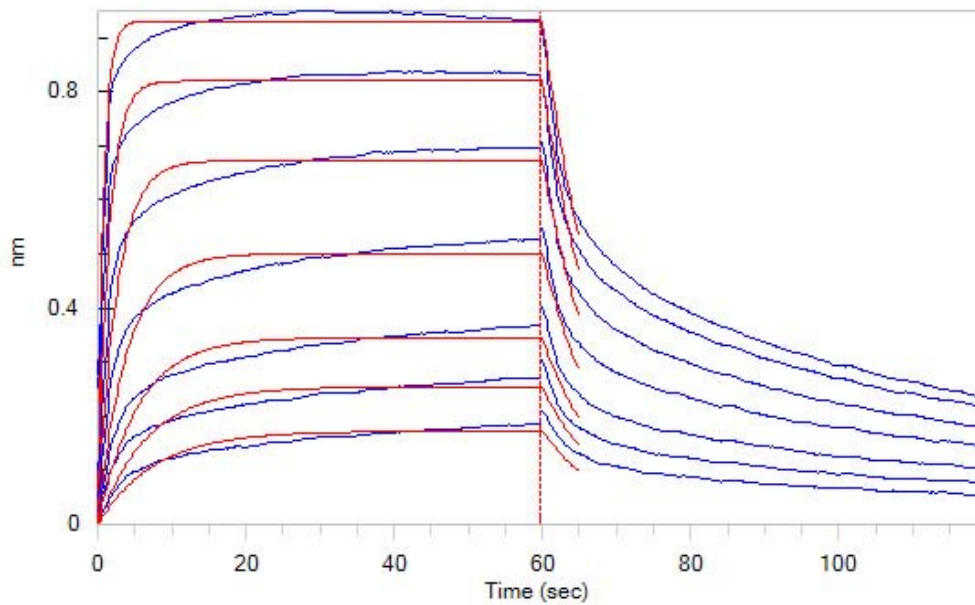
Product Information

Cat	IMP-642
Official Symbol	FCGR3A
Product Overview	Recombinant Human FCGR3A protein(Accession # P08637-1)(Gly 17-Gln 208), fused to N-His-SUMO Tag, was expressed in HEK293.
Expression System	HEK293
Species	Human
Tag	N-His-SUMO Tag
Form	Lyophilized from 0.22 μ m filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a calculated MW of 34.5 kDa. The protein migrates as 45-65 kDa under reducing (R) condition (SDS-PAGE) due to Glycosylation.
Protein length	Gly 17-Gln 208
Endotoxin	Less than 1.0 EU per μ g by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 μ g/ μ l. Centrifuge the vial at 4°C before opening to recover the entire contents.

SDS-PAGE



Bioactivity-BL



Loaded Human Fc gamma RIIIA / CD16a (V176) Protein, SUMO,His Tag on HIS1K Biosensor, can bind Rituximab with an affinity constant of 0.504 μ M as determined in BLI assay.