

Recombinant Human Fc gamma RIIA/FCGR2A/CD32a (H167R) Protein RPCB0495

Product Information

Product SKU:	RPCB0495	Gene ID:	2212	Size:	100µg
Tag:	C-His&Avi	Reactivity:	Human		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	P12318-1
Purity:	> 95% by SDS-PAGE ; > 95% by HPLC		

Protein Information

Background:	The Fc gamma Rs have been divided into three classes based on close relationships in their extracellular domains; these groups are designated Fc gamma RI (also known as CD64), Fc gamma RII (CD32), and Fc gamma RIII (CD16). Each group may be encoded by multiple genes and exist in different isoforms depending on species and cell type. The CD64 proteins are high affinity receptors (10 ⁻⁸ -10 ⁻⁹ M) capable of binding monomeric IgG, whereas the CD16 and CD32 proteins bind IgG with lower affinities (10 ⁻⁶ -10 ⁻⁷ M) only recognizing IgG aggregates surrounding multivalent antigens.
Protein Description:	High quality, high purity and low endotoxin recombinant Recombinant Human Fc gamma RIIA/FCGR2A/CD32a (H167R) Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.
Endotoxin:	< 1 EU/µg of the protein by LAL method
Formulation:	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Storage:	Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.