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Fc gamma RIV/CD16-2

Catalog # PVGS1901

Product Information

Primary Accession	A0A0B4J1G0-1
Species	Mouse
Sequence	Gly21-Gln203
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per μg by the LAL method.
Biological Activity	Fc gamma RIV/CD16-2, His, Mouse captured on CM5 Chip via antihis antibody can bind AntiCD3 Antibody in SPR assay (Biacore T200). Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	22 kDa
Formulation **Reconstitution**	Lyophilized from a 0.22 μm filtered solution in PBS, (pH 7.4). Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Additional Information

Target Background	FcgammaRIV is a relatively new IgG Fc receptor (FcgammaR) that is reported to contribute to the pathogenesis of autoimmune diseases.FcgammaRIII and FcgammaRIV are each essential to trigger an FcRgamma-linker for activation of T-cell-dependent signal that drives C5a production in the Arthus reaction. A combined requirement for FcgammaRIII and FcgammaRIV in autoimmune injury, and identify the linker for activation of T cells adaptor as an integral component of linked FcgammaR and C5a anaphylatoxin receptor activation to generate inflammation.

Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.