

Recombinant Rat FCGR2A Protein (Met1-Leu216), His-tagged

Cat. No. FCGR2A-932R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat FCGR2A Protein (NP_446295.2) (Met1-Leu216) was produced by HEK293 Cells expression system. This protein was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Leu216
Predicted N Terminal	Gln 34
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat FCGR2A consists of 196 amino acids and predicts a molecular mass of 22.2 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is

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recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.

Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name Fcgr2a Fc fragment of IgG, low affinity IIa, receptor (CD32) [Rattus norvegicus]

Official Symbol FCGR2A

Synonyms FCGR2A; fcRIII; fc-gamma RIII; Fcgr3; Fcgr3a;

Gene ID 116591

mRNA Refseq NM_053843

Protein Refseq NP_446295

UniProt ID P27645

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