

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

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Leu216
<b>Predicted N Terminal</b>	Gln 34
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant rat FCGR2A consists of 196 amino acids and predicts a molecular mass of 22.2 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70 centigrade.
<b>Storage</b>	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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