

Recombinant Rat Fcar protein(Met1-Asn228), His-tagged

Cat. No. Fcar-4080R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat FCAR (NP_973721.1) (Met 1-Asn 228) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-228 a.a.
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 FCAR comprises 217 amino acids and predicts a molecular mass of 24.8 kDa. The apparent molecular mass of the rat FCAR is approximately 35-40 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is 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

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Fcar IgA Fc receptor [Rattus norvegicus]
Official Symbol	Fcar
Synonyms	FCAR; IgA Fc receptor; immunoglobulin alpha Fc receptor; CD89;
Gene ID	365183
mRNA Refseq	NM_201992
Protein Refseq	NP_973721

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