

Datasheet for ABIN7607622

FcRn Protein (AA 22-301) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	FcRn
Protein Characteristics:	AA 22-301
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FcRn protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse FCGRT/FCRN Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. When recombinant mouse FCGRT/FCRN (Cat #: AMF14601) is immobilized at 0.5 µg/mL (100 µL/well), the concentration of human IgG that produces 50% of the optimal binding response is found to be approximately 2-10 µg/mL.

Target Details

Target:	FcRn
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Target Details

Alternative Name:	FcRn (FcRn Products)
Background:	IgG Fc fragment receptor transporter alpha chain, IgG receptor FcRn large subunit p51, FcRn, FCGRT, FCRN, Neonatal Fc receptor
UniProt:	Q6PKB0
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months