

Datasheet for ABIN7607471

Leptin Receptor Protein (LEPR) (AA 22-839) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Leptin Receptor (LEPR)
Protein Characteristics:	AA 22-839
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Leptin Receptor protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse CD295/LEPR 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 ability to inhibit Leptin dependent proliferation of mouse pro-B cells (BaF3) transfected with human Leptin R. The ED50 for this effect is 2-10 ng/mL in the presence of 1 ng/mL recombinant mouse Leptin.

Target Details

Target:	Leptin Receptor (LEPR)
---------	------------------------

Target Details

Alternative Name:	Leptin receptor (LEPR Products)
Background:	Leptin receptor, OB-R, LEP-R, LEPR, OB receptor, OBR, HuB219, DB, CD295
UniProt:	P48356
Pathways:	JAK-STAT Signaling , AMPK Signaling , Feeding Behaviour

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