

Biotinylated Human MRGPRX2 Protein-Nanodisc

Cat. No. MR2-HM4N118B

Description

Source	Recombinant Biotinylated Human MRGPRX2 Protein-Nanodisc is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Met1-Val330.
Accession	Q96LB1
Molecular Weight	The protein has a predicted MW of 43.8 kDa.
Endotoxin	Less than 1 EU per μg by the LAL method.

Formulation and Storage

Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4). Notice: Not recommended for flow cytometry in mammalian cells.
Storage	Valid for 6 months from date of receipt when stored at -80°C . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

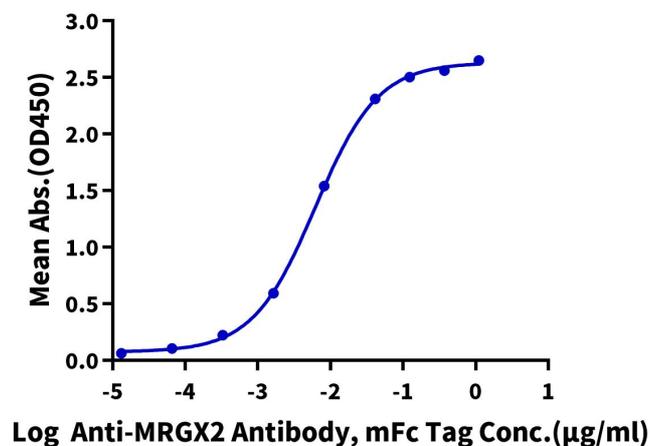
As receptor for multiple drugs, MRGPRX2 is crucial to drug-induced hypersensitivity. However, not only drugs, but also endogenous mediators like neuropeptides and host defense peptides activate MRGPRX2, suggesting its broad impact in cutaneous pathophysiology.

Assay Data

ELISA Data

Biotinylated Human MRGX2 Nanodisc, His Tag ELISA

0.5 μg Biotinylated Human MRGX2 Nanodisc, His Tag Per Well



Immobilized Biotinylated Human MRGX2, His Tag at 5 $\mu\text{g}/\text{ml}$ (100 $\mu\text{l}/\text{well}$) on the streptavidin precoated plate (5 $\mu\text{g}/\text{ml}$). Dose response curve for Anti-MRGX2 Antibody, mFc Tag with the EC50 of 6.2ng/ml determined by ELISA (QC Test).