

Human MRGPRX2 Protein-Nanodisc

Cat. No. MR2-HM1N118

Description

Source	Recombinant Human MRGPRX2 Protein-Nanodisc is expressed from HEK293 with His tag at the C-terminus. It contains Met1-Val330.
Accession	Q96LB1
Molecular Weight	The protein has a predicted MW of 39 kDa.
Endotoxin	Less than 1EU 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 immunization and flow cytometry in mammalian cells.
Storage	Valid for 12 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

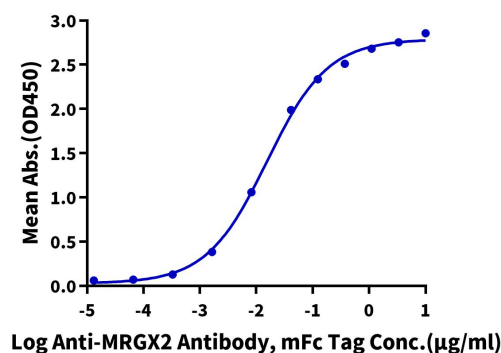
As receptor for multiple drugs, MRGPRX2 is crucial to drug-induced hypersensitivity. However, not only drugs, but also endogenous mediators like neuropeptides and host defense peptides activate MRGPRX2, suggesting its broad impact in cutaneous pathophysiology.

Assay Data

ELISA Data

Human MRGPRX2 Nanodisc, His Tag ELISA

0.2 μg Human MRGPRX2 Nanodisc, His Tag Per Well



Immobilized Human MRGPRX2 Nanodisc, His Tag at 2 $\mu\text{g}/\text{ml}$ (100 $\mu\text{l}/\text{well}$) on the plate. Dose response curve for Anti-MRGPRX2 Antibody, mFc Tag with the EC_{50} of 15.5 ng/ml determined by ELISA (QC Test).