

Product Information

MemDX™ Membrane Protein Human STRA6 (Signaling receptor and transporter of retinol STRA6) Full Length

Cat. No.: **MPC1027K**

This product is for research use only and is not intended for diagnostic use.

This product is a 73.5 kDa Human STRA6 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

STRA6

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

73.5 kDa

TMD

10

Sequence

MSSQPAGNQTSPPGATEDYSYGSWYIDEPQGGEEELQPEGEVPSCHTSIPPG
LYHACLASLSILVLLLLAMLVRRRQLWPDCVRGRPGLPSPVDFLAGDRPR
AVPAAVFMVLLSSLCLLLPDEDALPFLTLASAPSQDGKTEAPRGAWKILG
LFYYAALYYPLAACATAGHTAAHLLGSTLSWAHLGVQVWQRAECPQVPKI
YKYYSLLASPLLLGLGFLSLWYPVQLVRSFSRRTGAGSKGLQSSYSEY
LRNLLCRKKLGSSYHTSKHGFLSWARVCLRHCIYTPQPGFHLPLKLVLSA
TLTGTAIYQVALLLVGVVPTIQKVRAGVTTDVSYLLAGFGIVLSEDKQE
VVELVKHHLWALEVCYISALVLSCLLTFLVLMRSLVTHRTNLRALHRGAA
LDLSPLHRSPHPSRQAIFCWMSFSAYQTAFICLGLLVQQIIFLGTALA
FLVLMPLVHGRNLLFRSLESSWPFWLTALAVILQNMAAHWVFLETHDG
HPQLTNRRVLYAATFLLFPLNVLVGAMVATWRVLLSALYNAIHLGQMDLS
LLPPRAATLDPGYTYRNFLEKIEVSQSHPAMTAFCSLLLQAQSLLPRTMA
APQDSLPRGEEDEGMQLLQTKDSMAKGARPGASRGRARWGLAYTLLHNPT
LQVFRKTALLGANGAQP

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

STRA6

Full Name

Signaling receptor and transporter of retinol STRA6

Introduction

The protein encoded by this gene is a membrane protein involved in the metabolism of retinol. The encoded protein acts as a receptor for retinol/retinol binding protein complexes. This protein removes the retinol from the complex and transports it across the cell membrane. Defects in this gene are a cause of syndromic microphthalmia type 9 (MCOPS9). Several transcript variants encoding a few different isoforms have been found for this gene.

Alternative Names

STRA6; MCOPS9; MCOPCB8; PP14296; receptor for retinol uptake STRA6; RBP receptor; retinol binding protein 4 receptor; retinol-binding protein receptor STRA6; stimulated by retinoic acid 6 homolog; stimulated by retinoic acid gene 6 homolog; stimulated by retinoic acid gene 6 protein homolog; UNQ3126/PRO10282/PRO19578; Signaling receptor and transporter of retinol STRA6

Gene ID

[64220](#)

UniProt ID

[Q9BX79](#)