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Product Information

MemDX™ Membrane Protein Human STOM (Stomatin) Full Length

Cat. No.: **MPC1936K**
This product is for research use only and is not intended for diagnostic use.

This product is a 31.7 kDa Human STOM 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
STOM

Protein Length
Full length

Protein Class
Transporter

Molecular Weight
31.7 kDa

TMD
1

Sequence
MAEKRHTRDSEAQRLPDSFKDSPSKGLGPCGWILVAFSFLFTVITFPISI
WMCIKIIKEYERAIIFRLGRILQGGAKGPGLFFILPCTDSFIKVDMRTIS
FDIPPQEILTKDSVTISVDGVVYYRVQNATLAVANITNADSATRLLAQTT
LRNVLGTKNLSQILSDREEIAHNMQSTLDDATDAWGIKVERVEIKDVKLP
VQLQRAMAAEAEASREARAKVIAAEGEMNASRALKEASMVITESPAALQL
RYLQTLTTIAAEKNSTIVFPLPIDMLQGIIGAKHSHLG

Product Description

Expression Systems
HEK293

Tag
Based on specific requirements

Protein Format
Detergent or based on specific requirements

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Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

STOM

Full Name

Stomatin

Introduction

This gene encodes a member of a highly conserved family of integral membrane proteins. The encoded protein localizes to the cell membrane of red blood cells and other cell types, where it may regulate ion channels and transporters. Loss of localization of the encoded protein is associated with hereditary stomatocytosis, a form of hemolytic anemia. There is a pseudogene for this gene on chromosome 6. Alternative splicing results in multiple transcript variants.

Alternative Names

STOM; BND7; EPB7; EPB72; erythrocyte band 7 integral membrane protein; erythrocyte membrane protein band 7.2 (stomatin); erythrocyte surface protein band 7.2; protein 7.2b; Stomatin

Gene ID

2040

UniProt ID

P27105

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