

Product Information

MemDX™ Membrane Protein Human HAS3 (Hyaluronan synthase 3) Full Length

Cat. No.: **MPC4196K**

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

This product is a made-to-order Human HAS3 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

HAS3

Protein Length

Full length

Protein Class

Transferase

TMD

7

Sequence

MPVQLTTALRVVGTSLFALAVLGGILAAYVTGYQFIHTEKHYSFGLYGA
ILGLHLLIQSLFAFLEHRRMRAGQALKLPSPRRGSVALCIAAYQEDPDY
LRKCLRSAQRISFPDLKVVMMVVDGNRQEDAYMLDIFHEVLGGTEQAGFFV
WRSNFHEAGEGETEASLQEGMDRVRDVVRASTFSCIMQKWGGKREVMYTA
FKALGDSVDYIQVCDSDTVLDPACTIEMLRVLEEDPQVGGVGGDVQILNK
YDSWISFLSSVRYWMAFNVERACQSYFGCVQCISGPLGMYRNSLLQQFLE
DWYHQKFLGSKCSFGDDRHLTNRVLSLGYRTKYTARSKCLTETPTKYLRW
LNQQTRWSKSYFREWLYNSLWFHKHHLWMTYESVVTGFFPFFLIATVIQL
FYRGRINILLFLLTVQLVGIKATYACFLRGNAEMIFMSLYSLLYMSSL
LPAKIFAIAITINKSGWGTSGRKTIVVNFILIPVSIWVAVLLGGLAYTAY
CQDLFSETELAFVLVGAILYGCYWVALLMLYLAIIARRCGKKPEQYSLAF
AEV

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

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**

HAS3

Full Name

Hyaluronan synthase 3

Introduction

The protein encoded by this gene is involved in the synthesis of the unbranched glycosaminoglycan hyaluronan, or hyaluronic acid, which is a major constituent of the extracellular matrix. This gene is a member of the NODC/HAS gene family. Compared to the proteins encoded by other members of this gene family, this protein appears to be more of a regulator of hyaluronan synthesis. Alternative splicing results in multiple transcript variants.

Alternative Names

HAS3; HA synthase 3; hyaluronate synthase 3; hyaluronic acid synthase 3; Hyaluronan synthase 3

Gene ID

[3038](#)

UniProt ID

[O00219](#)