

Product Information

MemDX™ Membrane Protein Human HAS3 (Hyaluronan synthase 3) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3629K**

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

This product is a Human HAS3 membrane protein expressed *in vitro E.coli* expression system. 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

MPVQLTTALRVVGTSFLAVALGGILAAYVTGYQFIHTEKHLYLSFGLYGAILGLHLLIQSLFAFLEHRRMRAGQALKLPSPRRGSVA

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

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](#)