

# Product Information

## MemDX™ Membrane Protein Human ST7 (Suppression of tumorigenicity 7) for Antibody

### Discovery

Cat. No.: **MP1296X**

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

This product is a 89.2 kDa Human ST7 membrane protein expressed in *In vitro* wheat germ 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

ST7

#### Protein Length

Full-length

#### Molecular Weight

89.2 kDa

#### TMD

3

#### Sequence

MAEAATGFLEQLKSCIVWSWTYLWTVWFFIVLFLVYILRVPLKINDNLSTVSMFLNTLTPKFYVALTGTSSLISGLILIFEWWYFRKYGT

### Product Description

#### Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

#### Expression Systems

*in vitro* wheat germ expression system

#### Tag

GST-tag at N-terminal

#### Protein Format

Liposome

#### Form

Liquid

**Purification**

Glutathione Sepharose 4 Fast Flow

**Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

ST7

**Full Name**

Suppression of tumorigenicity 7

**Introduction**

The gene for this product maps to a region on chromosome 7 identified as an autism-susceptibility locus. Mutation screening of the entire coding region in autistic individuals failed to identify phenotype-specific variants, suggesting that coding mutations for this gene are unlikely to be involved in the etiology of autism. The function of this gene product has not been determined. Transcript variants encoding different isoforms of this protein have been described.

**Alternative Names**

HELG; RAY1; SEN4; TSG7; ETS7q; FAM4A; FAM4A1; suppressor of tumorigenicity 7 protein; family with sequence similarity 4, subfamily A, member 1; suppression of tumorigenicity 7 (breast)

**Gene ID**

[7982](#)

**UniProt ID**

[Q9NRC1](#)