

# Product Information

## MemDX™ Membrane Protein Human AP3S1 (Adaptor related protein complex 3 subunit sigma 1) for Antibody Discovery

Cat. No.: **MP0042X**

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

This product is a 46.86 kDa Human AP3S1 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

AP3S1

#### Protein Length

Full-length

#### Molecular Weight

46.86 kDa

#### Sequence

MIKAILIFNNHKGKRLSKFYQPYSED TQQIIRETFHLVSKRDENV CNFLEGGLIGGSDNKL IYRHYATLYFVFCVDSSESELGILDLI

### 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

#### Form

Liquid

#### Purification

Glutathione Sepharose 4 Fast Flow

#### Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

**Storage**

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

**Target****Target Protein**

AP3S1

**Full Name**

Adaptor related protein complex 3 subunit sigma 1

**Introduction**

This gene encodes a subunit of the AP3 adaptor complex. This complex functions in the formation of subcellular vesicles budded from the Golgi body. Several related pseudogenes of this gene have been found. Alternative splicing results in multiple transcript variants encoding different isoforms

**Alternative Names**

CLAPS3; Sigma3A; clathrin-associated/assembly/adaptor protein, small 3 (22kD)

**Gene ID**

[1176](#)

**UniProt ID**

[Q92572](#)