

Product Information

MemDX™ Membrane Protein Human SSR4 (Signal sequence receptor subunit 4) Expressed *in vitro* E.coli expression system, Full Length of Mature Protein

Cat. No.: **MPX3704K**

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

This product is a Human SSR4 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

SSR4

Protein Length

Full Length of Mature Protein

Protein Class

Receptor

TMD

1

Sequence

EACLEPQITPSYYTTSDAVISTETVFIVEISLTCKNRVQNMALYADVGGKQFPVTRGQDVGRYQVSWSLDHKSAHAGTYEVRFFDEE

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

SSR4

Full Name

Signal sequence receptor subunit 4

Introduction

This gene encodes the delta subunit of the translocon-associated protein complex which is involved in translocating proteins across the endoplasmic reticulum membrane. The encoded protein is located in the Xq28 region and is arranged in a compact head-to-head manner with the isocitrate dehydrogenase 3 (NAD+) gamma gene and both genes are driven by a CpG-embedded bidirectional promoter. Alternate splicing results in multiple transcript variants.

Alternative Names

SSR4; CDG1Y; TRAPD; translocon-associated protein subunit delta; SSR-delta; TRAP-delta; signal sequence receptor, delta; Signal sequence receptor subunit 4

Gene ID

[6748](#)

UniProt ID

[P51571](#)