

# Product Information

## MemDX™ Membrane Protein Human IL7R (Interleukin 7 receptor) with GST-tag for Antibody

### Discovery

Cat. No.: **MP0569X**

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

This product is a 77.9 kDa Human IL7R 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

IL7R

#### Protein Length

Full-length

#### Molecular Weight

77.9 kDa

#### TMD

1

#### Sequence

MTILGTTFGMVFSLLQVVSGESGYAQNGDLEDAELDDYTFSCYSQLEVNGSQHSLTCAFEDPDVNTTNLEFEICGALVEVKCLNFR

### 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**

IL7R

**Full Name**

Interleukin 7 receptor

**Introduction**

The protein encoded by this gene is a receptor for interleukin 7 (IL7). The function of this receptor requires the interleukin 2 receptor, gamma chain (IL2RG), which is a common gamma chain shared by the receptors of various cytokines, including interleukins 2, 4, 7, 9, and 15. This protein has been shown to play a critical role in V(D)J recombination during lymphocyte development. Defects in this gene may be associated with severe combined immunodeficiency (SCID). Alternatively spliced transcript variants have been found

**Alternative Names**

ILRA; CD127; IL7RA; CDW127; IL-7R-alpha

**Gene ID**

[3575](#)

**UniProt ID**

[P16871](#)