

Product Information

MemDX™ Membrane Protein Human IGF1R (Insulin like growth factor 1 receptor) expressed in Sf9 for Antibody Discovery

Cat. No.: **MP0117Q**

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

This product is a 22.2 kDa Human IGF1R membrane protein expressed in Sf9. 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

IGF1R

Protein Length

Partial

Protein Class

Druggable Genome, Protein Kinase, Transmembrane

Molecular Weight

22.2 kDa

TMD

1

Sequence

MKSGSGGGSPSTSLWGLLFLSAALSLWPTSGEICGPGIDIRNDYQQLKRLNCTVIEGYLHILLISKAEDYRSYRFPKLTVITEYLLLFRV

Product Description

Expression Systems

Sf9

Tag

C-DDK

Form

Powder

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol

Storage

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

Target**Target Protein**

IGF1R

Full Name

Insulin like growth factor 1 receptor

Introduction

This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Alternative Names

IGFR; CD221; IGFIR; JTK13; insulin-like growth factor 1 receptor; IGF-I receptor; soluble IGF1R variant 1; soluble IGF1R variant 2

Gene ID

[3480](#)

UniProt ID

[P08069](#)