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Product Information

MemDX™ Membrane Protein Human IGF1R (Insulin like growth factor 1 receptor) Expressed in *E.coli* with 6xHis tag at the N-terminus for Antibody Discovery, Partial (763-931aa)

Cat. No.: **MPX4233K**
This product is for research use only and is not intended for diagnostic use.

This product is a 23.4kDa Human IGF1R membrane protein expressed in *E.coli*. 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 (763-931aa)

Protein Class
Transferase

Molecular Weight
23.4kDa

TMD
1

Sequence
YNITDPEELETEYPFFESRVDNKERTVISNLRPFTLYRIDIHSCNHEAEKLGCSASNFVFARTMPAEGADDIPGPVTWEPRPENSIFLK

Product Description

Expression Systems
E.coli

Tag
6xHis tag at the N-terminus

Protein Format
Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

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

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

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

Gene ID

3480

UniProt ID

P08069

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