

Product Information

MemDX™ Membrane Protein Human CD244 (CD244 molecule, transcript variant 3) for Antibody Discovery

Cat. No.: **MP1229J**

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

This product is a 31.2 kDa Human CD244 membrane protein expressed in HEK293T. 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

CD244

Protein Length

Full-length

Protein Class

Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Molecular Weight

31.2 kDa

TMD

1

Sequence

MLGQVVTLLLLLLLVYQGKGCQGSADHVVSISGVPLQLQPNSIQTKVDSIAWKKLLPSQNGFHHILKWE
NGSLPSNTSNDRFSFIVKNLSLLIKAAQQQDSGLYCLEVTSISGKVQTATFQVFVFEFRFWPFLVIIVIL
SALFLGTLACFCVWRRKRKEKQSETSPKEFLTIEDVKDLKTRRNHEQEQTFFPGGGSTIYSMIQSQSSAP
TSQEPAYTLYSLIQPSRKSGSRKRNHSPSFNSTIYEVIGKSQPKAQNPARLSRKELENFDVYS

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

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

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

Target**Target Protein**

CD244

Full Name

CD244 molecule

Introduction

This gene encodes a cell surface receptor expressed on natural killer (NK) cells (and some T cells) that mediate non-major histocompatibility complex (MHC) restricted killing. The interaction between NK-cell and target cells via this receptor is thought to modulate NK-cell cytolytic activity. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Alternative Names

2B4; NAIL; Nmrk; NKR2B4; SLAMF4; CD244 molecule, natural killer cell receptor 2B4; NK cell activation inducing ligand NAIL; NK cell activation-inducing ligand; NK cell type I receptor protein 2B4; SLAM family member 4; h2B4; signaling lymphocytic activation molecule 4

Gene ID

[51744](#)

UniProt ID

[Q9BZW8](#)