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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CD244 (Human) Recombinant Protein

Catalog Number: P9671

Regulation Status: For research use only (RUO)

Product Description: Human CD244 (Q9BZW8, 19 a.a. - 224 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

Sequence:

MGSSHHHHHSSGLVPRGSHMGSHGKGCQGSADHV
VSISGVPLQLQPNSIQTKVDSIAWKKLLPSQNGFHHILK
WENGLSPNNTSNDRFSFIVKNLSLLIKAAQQDSDGLYC
LEVTSISGKVQTATFQVFVFDKVEKPRLQGGKILDRG
RCQVALSCLVSRDGNVSYAWYRGSKLIQTAGNLTYLD
EEVDINGHTYTCNVSNPVSWSHTLNLQDCQNAHQ
EFRFWP

Host: *Escherichia coli*

Theoretical MW (kDa): 25.5

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Form: Liquid

Preparation Method: *Escherichia coli* expression
system

Purity: > 85.0% by SDS-PAGE

Recommend Usage: Biological Activity
SDS-PAGE
The optimal working dilution should be determined by
the end user.

Storage Buffer: In 20mM Tris-HCl pH 8.0 (0.4 M Urea)

Storage Instruction: Store at 2°C to 8°C for 2-4 week.
For long term storage, aliquot and store at -20°C to
-80°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 51744

Gene Symbol: CD244

Gene Alias: 2B4, NAIL, NKR2B4, Nmrk, SLAMF4

Gene Summary: Natural killer (NK) cells express both activating and inhibitory cell surface receptors. Inhibitory signaling receptors all possess cytoplasmic immunoreceptor tyrosine-based inhibitory motifs, or ITIMs, whereas the activating receptors lack ITIMs and associate with DAP12 (TYROBP; MIM 604142), which contains an immunoreceptor tyrosine-based activation motif, or ITAM. Killer cell immunoglobulin (Ig)-like receptors, or KIRs (see KIR2DL1; MIM 604936), and other NK cell receptors interact with major histocompatibility complex (MHC) molecules (see MIM 142800). Members of the CD2 (MIM 186990) family adhere to each other instead. The cell surface glycoprotein 2B4 is related to CD2 and is implicated in the regulation of NK- and T-cell function (Boles et al., 1999 [PubMed 10458320]).[supplied by OMIM]